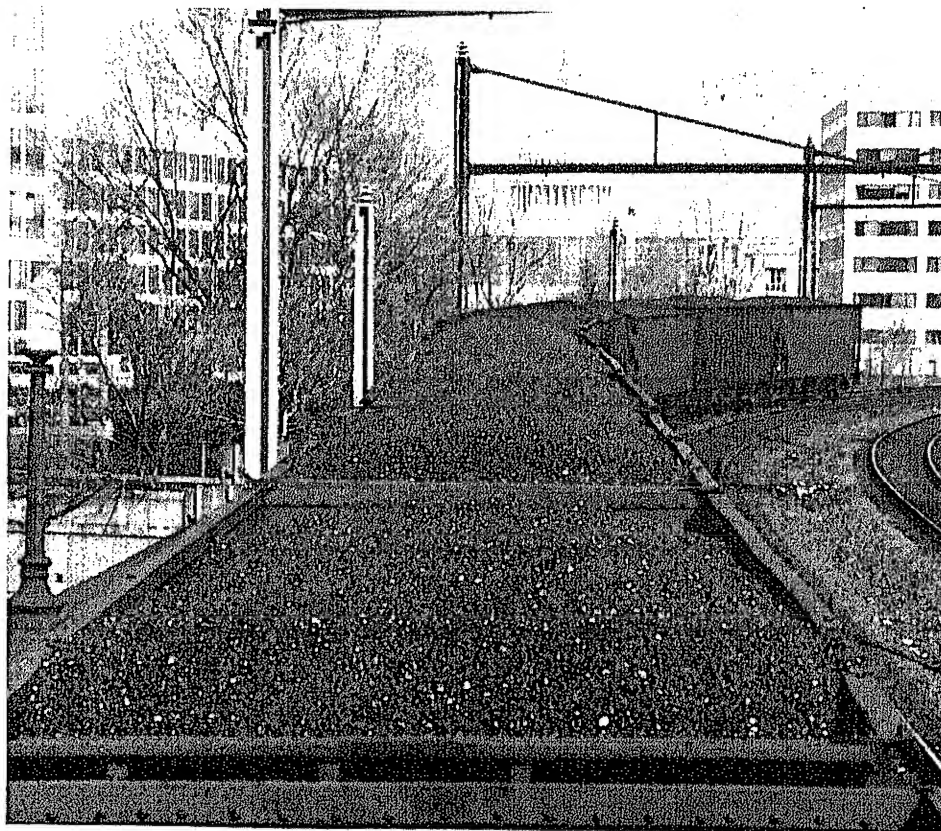


**Energy Information Administration**  
Washington, DC

# Weekly Coal Production

Production for Week Ended:  
February 25, 1989



## Preface

The *Weekly Coal Production (WCP)* provides weekly production estimates of U.S. coal by State, as well as supplementary data which are usually published twice a month. Supplement 1 includes monthly and annual U.S. level data on coal production, consumption, stocks, imports, and exports. This week's Supplement 2 contains detailed monthly data covering electric utility coal consumption, stocks, and receipts (quantity and price); and coal imports and exports.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as

specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution Report*, the *Quarterly Coal Report*, *Coal Production 1987*, and *Coal Data: A Reference*.

This publication was prepared by Wayne M. Watson under the direction of Mary K. Paull and Noel C. Balthasar, Chief, Data Systems Branch. *Questions on energy statistics should be directed to the National Energy Information Center (NEIC) at (202)586-8800.*

• Released for Printing March 3, 1989

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# Summary

U.S. coal production in the week ended February 25, 1989, as estimated by the Energy Information Administration, totaled 19 million short tons. Production totaled 12 million short tons in states east of the Mississippi and 7 million short tons in states west of the Mississippi.

This report contains data on electric utility coal receipts and prices for November 1988 in addition to electric utility coal consumption and stocks for December 1988. Also included are data on U.S. coal and coke exports and imports for December 1988.

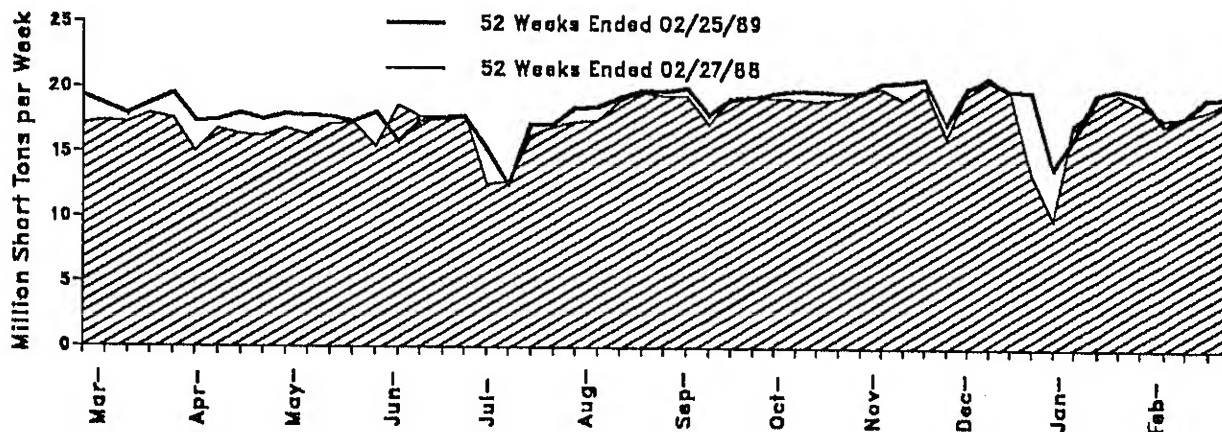
Some of the highlights of these data are:

- Coal consumption at electric utility plants reached a record level of 757 million short tons in 1988, surpassing the 1987 level by 5 percent. The higher level of coal consumption is primarily attributed to the increase in electricity demand in 1988, as well as the substitution of coal-fired electricity generation for hydroelectric generation in some areas affected by the summer drought. Substantial increases in coal consumption occurred in the

West North Central, Mountain, and West South Central Census Divisions, particularly in North Dakota, Texas and Montana.

- The average price of coal received at electric utilities through November 1988 continued to run about 4 percent below the 1987 prices for the same period.
- Coal stocks at electric utilities in December 1988 dropped 2 percent from the November 1988 level, ending the upward trend that began in September. December 1988 electric utility coal stocks were 14 percent lower than in December 1987.
- Coal exports in 1988 were 15 million short tons (19 percent) higher than in 1987, mainly due to increased exports to Canada, Japan, Belgium and Luxembourg, and Denmark.
- Coal imports in 1988 increased 22 percent over the 1987 level, chiefly as a result of higher coal import levels from Colombia and Venezuela. The average price of coal from those countries dropped 12 percent and 26 percent, respectively.

**Figure 1. Coal Production**



**Table 1. Coal Production**

Production and Carloadings	Week Ended			52 Weeks Ended		
	02/25/89	02/18/89	02/27/88	02/25/89	02/27/88	Percent Change
<b>Production (Thousand Short Tons)</b>						
Bituminous <sup>1</sup> and Lignite .....	19,398	19,351	19,275	956,077	917,966	4.2
Pennsylvania Anthracite .....	59	54	74	3,448	3,609	-4.5
U.S. Total .....	19,457	19,406	19,350	959,525	921,575	4.1
Railroad Cars Loaded .....	124,466	124,362	121,427	6,280,206	5,877,746	

<sup>1</sup> Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

**Table 2. Coal Production by State**  
(Thousand Short Tons)

Region and State	Week Ended		
	02/25/89	02/18/89	02/27/88
<b>Bituminous Coal<sup>1</sup> and Lignite</b>			
East of the Mississippi .....	12,049	12,250	11,761
Alabama .....	609	619	506
Illinois .....	1,238	1,228	1,237
Indiana .....	565	580	647
Kentucky .....	3,261	3,443	3,195
Kentucky, Eastern .....	2,413	2,548	2,357
Kentucky, Western .....	848	895	838
Maryland .....	80	86	73
Ohio .....	617	619	700
Pennsylvania Bituminous .....	1,606	1,445	1,557
Tennessee .....	132	134	117
Virginia .....	1,050	1,075	973
West Virginia .....	2,892	3,019	2,757
West of the Mississippi .....	7,348	7,101	7,514
Alaska .....	32	32	34
Arizona .....	232	232	222
Arkansas .....	2	2	1
California .....	-	-	-
Colorado .....	373	357	308
Iowa .....	6	6	8
Kansas .....	11	11	31
Louisiana .....	61	50	68
Missouri .....	76	76	78
Montana .....	675	647	859
New Mexico .....	473	396	444
North Dakota .....	565	543	609
Oklahoma .....	54	47	65
Texas .....	1,124	1,122	1,078
Utah .....	380	357	428
Washington .....	109	109	112
Wyoming .....	3,173	3,115	3,170
Bituminous <sup>1</sup> and Lignite Total .....	19,398	19,351	19,275
Pennsylvania Anthracite .....	59	54	74
U.S. Total .....	19,457	19,406	19,350

<sup>1</sup> Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

**Table 3. Coal Receipts at Electric Utility Plants: November 1988**  
(Thousand Short Tons)

Census Division and State	November 1988	October 1988	November 1987	Year to Date		
				1988	1987	Percent Change
<b>New England Total</b> .....	<b>580</b>	<b>498</b>	<b>543</b>	<b>5,826</b>	<b>5,173</b>	<b>12.6</b>
Connecticut .....	73	37	60	770	685	12.4
Maine .....	-	-	-	-	-	-
Massachusetts .....	364	317	361	3,939	3,522	11.8
New Hampshire .....	143	144	122	1,117	965	15.7
Rhode Island .....	-	-	-	-	-	-
Vermont .....	-	-	-	-	-	-
<b>Middle Atlantic Total</b> .....	<b>4,607</b>	<b>4,531</b>	<b>4,718</b>	<b>46,642</b>	<b>49,184</b>	<b>-5.2</b>
New Jersey .....	246	259	240	2,193	2,468	-11.1
New York .....	776	787	772	7,779	7,399	5.1
Pennsylvania .....	3,585	3,485	3,706	36,669	39,318	-6.7
<b>East North Central Total</b> .....	<b>13,624</b>	<b>14,197</b>	<b>14,040</b>	<b>142,207</b>	<b>149,015</b>	<b>-4.6</b>
Illinois .....	2,187	2,404	2,352	24,643	26,138	-5.7
Indiana .....	3,373	3,472	3,113	32,848	35,553	-7.3
Michigan .....	2,764	2,942	2,908	26,401	28,010	-5.7
Ohio .....	3,679	4,024	4,299	42,083	44,084	-4.5
Wisconsin .....	1,622	1,355	1,367	16,132	15,230	5.9
<b>West North Central Total</b> .....	<b>8,701</b>	<b>8,319</b>	<b>8,728</b>	<b>89,319</b>	<b>80,507</b>	<b>10.9</b>
Iowa .....	1,069	1,105	1,368	12,833	12,644	1.5
Kansas .....	1,360	1,123	1,467	13,447	13,741	-2.1
Minnesota .....	1,333	1,174	1,610	13,046	11,369	14.8
Missouri .....	2,211	2,247	2,023	21,745	20,384	6.7
Nebraska .....	589	583	532	6,713	5,708	17.6
North Dakota .....	1,958	1,989	1,729	19,590	15,960	22.7
South Dakota .....	183	99	-	1,945	700	177.8
<b>South Atlantic Total</b> .....	<b>10,221</b>	<b>10,382</b>	<b>11,159</b>	<b>110,857</b>	<b>118,087</b>	<b>-6.1</b>
Delaware .....	184	181	240	2,346	2,172	8.0
District of Columbia .....	-	-	-	-	-	-
Florida .....	1,989	1,906	1,897	22,045	20,610	7.0
Georgia .....	2,075	2,290	2,294	23,248	24,045	-3.3
Maryland .....	847	649	762	8,019	7,403	8.3
North Carolina .....	1,377	1,333	1,473	15,525	16,109	-3.6
South Carolina .....	846	833	677	8,259	8,666	-4.7
Virginia .....	740	680	919	6,489	7,896	-17.8
West Virginia .....	2,163	2,509	2,898	24,927	31,187	-20.1
<b>East South Central Total</b> .....	<b>6,180</b>	<b>6,764</b>	<b>6,432</b>	<b>67,633</b>	<b>71,140</b>	<b>-4.9</b>
Alabama .....	1,628	1,687	1,762	18,403	19,021	-3.3
Kentucky .....	2,696	2,854	2,461	26,472	28,953	-8.6
Mississippi .....	280	352	434	4,585	3,997	14.7
Tennessee .....	1,578	1,872	1,775	18,173	19,168	-5.2
<b>West South Central Total</b> .....	<b>9,109</b>	<b>9,732</b>	<b>8,992</b>	<b>106,257</b>	<b>101,323</b>	<b>4.9</b>
Arkansas .....	1,037	1,026	865	10,762	10,735	.3
Louisiana .....	1,102	1,169	959	10,236	9,747	5.0
Oklahoma .....	1,171	1,237	1,101	12,265	10,963	11.9
Texas .....	5,799	6,301	6,066	72,993	69,878	4.5
<b>Mountain Total</b> .....	<b>8,430</b>	<b>8,391</b>	<b>7,744</b>	<b>88,368</b>	<b>78,350</b>	<b>12.8</b>
Arizona .....	1,149	1,332	1,191	12,930	11,627	11.2
Colorado .....	1,368	1,272	1,193	13,442	12,281	9.4
Idaho .....	-	-	-	-	-	-
Montana .....	973	920	919	9,508	6,641	43.2
Nevada .....	640	754	476	7,307	6,380	14.5
New Mexico .....	1,157	1,125	1,195	13,011	12,739	2.1
Utah .....	1,054	944	1,028	11,334	10,758	5.4
Wyoming .....	2,089	2,046	1,742	20,837	17,924	16.3
<b>Pacific Total</b> .....	<b>463</b>	<b>522</b>	<b>488</b>	<b>5,372</b>	<b>4,358</b>	<b>23.3</b>
California .....	-	-	-	-	-	-
Oregon .....	-	-	107	235	260	-9.8
Washington .....	463	522	381	5,137	4,098	25.4
Alaska .....	-	-	-	-	-	-
Hawaii .....	-	-	-	-	-	-
<b>Total</b> .....	<b>61,915</b>	<b>63,335</b>	<b>62,845</b>	<b>662,480</b>	<b>657,136</b>	<b>.8</b>

Note: Total may not equal sum of components because of independent rounding.

Source: Federal Energy Regulatory Commission Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 4. Average Price<sup>1</sup> of Coal Receipts at Electric Utility Plants:  
November 1988**

Census Division and State	November 1988		October 1988		November 1987		Year to Date			
	Dollars per Short ton	Cents per Million Btu	Dollars per Short ton	Cents per Million Btu	Dollars per Short ton	Cents per Million Btu	1988		1987	
							Dollars per Short ton	Cents per Million Btu	Dollars per Short ton	Cents per Million Btu
<b>New England Total</b> .....	\$44.15	167.5	\$43.95	166.8	\$46.92	178.1	\$45.68	173.7	\$46.83	177.5
Connecticut .....	55.58	212.0	55.62	211.9	64.43	246.6	60.34	229.7	63.38	241.2
Maine .....	-	-	-	-	-	-	-	-	-	-
Massachusetts .....	41.56	158.4	42.24	161.0	42.33	161.2	42.25	161.2	42.31	161.1
New Hampshire .....	44.90	167.8	44.71	167.9	51.90	194.7	47.69	178.9	51.57	191.9
Rhode Island .....	-	-	-	-	-	-	-	-	-	-
Vermont .....	-	-	-	-	-	-	-	-	-	-
<b>Middle Atlantic Total</b> .....	36.81	148.3	36.09	144.9	37.01	149.4	36.88	148.7	36.54	147.3
New Jersey .....	45.54	171.7	45.58	171.3	46.42	174.2	45.80	171.8	46.93	177.2
New York .....	39.37	154.5	39.47	153.4	39.32	153.7	40.59	158.4	39.38	153.9
Pennsylvania .....	35.66	145.1	34.62	140.7	35.92	146.7	35.56	145.1	35.36	144.0
<b>East North Central Total</b> .....	34.48	156.5	34.92	157.1	35.99	160.5	35.81	160.9	36.68	164.5
Illinois .....	39.45	186.2	39.74	187.0	42.67	199.1	40.58	190.7	42.79	199.8
Indiana .....	29.72	139.1	30.04	139.6	31.12	140.3	31.20	144.0	31.98	147.3
Michigan .....	39.35	171.0	37.62	165.3	39.62	171.4	40.67	175.5	40.51	175.4
Ohio .....	35.48	149.7	36.08	151.7	36.06	151.9	36.37	152.9	37.27	156.4
Wisconsin .....	27.13	141.7	29.58	147.5	27.74	144.7	28.49	146.6	28.40	147.3
<b>West North Central Total</b> .....	19.11	109.8	19.71	111.9	19.46	111.6	20.35	116.6	21.52	121.8
Iowa .....	22.79	123.9	24.69	128.1	20.50	113.1	23.20	125.3	23.23	126.3
Kansas .....	21.26	119.3	22.50	123.9	21.06	120.7	22.36	124.5	22.28	127.2
Minnesota .....	17.67	100.7	18.25	103.7	18.22	105.2	21.58	123.4	21.52	122.9
Missouri .....	27.86	133.8	27.95	135.4	28.20	135.4	28.88	138.7	30.22	142.2
Nebraska .....	13.19	76.0	13.47	78.4	14.94	87.7	14.60	84.8	16.27	94.7
North Dakota .....	8.86	67.8	8.76	66.8	9.59	73.1	9.25	70.3	10.58	80.1
South Dakota .....	15.14	122.2	19.84	114.9	-	-	15.42	121.3	14.95	123.4
<b>South Atlantic Total</b> .....	41.46	166.9	41.24	165.4	40.70	163.3	41.59	166.7	41.64	167.0
Delaware .....	44.85	176.0	45.47	175.6	47.31	181.5	46.65	180.9	47.47	181.3
District of Columbia .....	-	-	-	-	-	-	-	-	-	-
Florida .....	43.79	177.4	44.06	177.6	45.06	180.6	44.16	177.8	45.16	182.1
Georgia .....	42.27	175.4	41.71	171.8	42.44	174.2	42.47	174.4	43.72	179.6
Maryland .....	39.73	155.7	39.64	156.0	40.09	158.2	40.15	157.8	39.95	157.6
North Carolina .....	45.27	180.7	45.48	181.5	43.94	175.9	44.60	177.4	45.13	179.6
South Carolina .....	45.44	180.1	43.87	173.0	43.97	173.3	44.64	176.1	43.99	173.9
Virginia .....	38.99	153.3	38.82	152.3	39.84	156.2	39.96	156.0	40.60	158.2
West Virginia .....	35.77	143.6	36.32	144.9	33.94	136.9	36.04	144.4	35.50	142.7
<b>East South Central Total</b> .....	34.39	144.8	34.16	143.6	35.73	149.6	35.49	148.9	36.02	151.6
Alabama .....	47.95	197.6	46.87	193.0	45.49	186.3	47.29	194.3	47.12	192.7
Kentucky .....	26.41	114.4	26.55	114.9	28.81	124.8	27.73	120.3	29.00	126.1
Mississippi .....	41.54	162.5	45.04	178.8	45.01	178.2	46.21	182.5	50.06	197.5
Tennessee .....	32.78	136.3	32.27	133.9	33.38	138.3	32.12	133.3	32.69	136.6
<b>West South Central Total</b> .....	25.45	162.6	24.61	158.6	23.74	156.4	23.13	150.0	24.01	156.8
Arkansas .....	29.68	170.4	29.16	168.2	29.57	169.1	27.69	159.9	26.95	155.2
Louisiana .....	26.85	162.3	27.83	166.7	25.70	158.1	25.83	157.3	26.79	164.5
Oklahoma .....	25.13	142.0	24.58	139.1	27.50	155.1	26.56	149.0	27.64	156.2
Texas .....	24.49	166.0	23.28	159.7	21.92	154.2	21.51	147.3	22.60	155.7
<b>Mountain Total</b> .....	20.70	108.8	21.39	110.4	21.55	110.8	21.33	109.4	22.11	112.5
Arizona .....	28.92	136.0	28.38	132.3	28.45	134.6	29.94	140.5	27.62	130.3
Colorado .....	20.58	105.8	20.36	105.0	22.55	115.3	20.93	107.0	22.03	112.0
Idaho .....	-	-	-	-	-	-	-	-	-	-
Montana .....	10.06	59.4	9.08	53.7	8.85	51.8	9.35	54.8	10.99	63.9
Nevada .....	28.51	128.4	27.44	126.3	32.65	145.3	30.24	136.5	31.08	139.0
New Mexico .....	20.92	115.4	21.98	122.3	21.66	121.3	21.32	118.1	21.98	121.4
Utah .....	29.18	128.2	32.55	145.4	30.07	129.2	28.86	125.5	29.32	126.3
Wyoming .....	14.40	82.0	15.33	87.0	14.71	84.2	14.51	82.8	15.30	87.0
<b>Pacific Total</b> .....	26.38	161.2	26.35	156.9	26.56	162.3	25.33	154.0	26.94	165.7
California .....	-	-	-	-	-	-	-	-	-	-
Oregon .....	-	-	-	-	23.70	140.0	23.70	139.0	23.76	140.3
Washington .....	26.38	161.2	26.35	156.9	27.36	168.9	25.41	154.7	27.14	167.4
Alaska .....	-	-	-	-	-	-	-	-	-	-
Hawaii .....	-	-	-	-	-	-	-	-	-	-
<b>Total</b> .....	30.46	145.6	30.59	145.6	31.07	147.4	30.77	147.1	31.96	151.1

<sup>1</sup> Based on the cost including insurance and freight (c.i.f. cost).

Note: Total may not equal sum of components because of independent rounding.

Source: Federal Energy Regulatory Commission Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."



**Table 5. Coal Stocks at Electric Utility Plants: December 1988**  
(Thousand Short Tons)

Census Division and State	December 31, 1988	November 30, 1988	December 31, 1987	Percent Change December 31: 1988 versus 1987
<b>New England Total</b> .....	<b>1,110</b>	<b>1,140</b>	<b>1,012</b>	<b>9.6</b>
Connecticut .....	0	0	0	-
Maine .....	-	-	-	-
Massachusetts .....	737	805	677	8.9
New Hampshire .....	344	308	307	12.2
Rhode Island .....	28	28	28	.0
Vermont .....	-	-	-	-
<b>Middle Atlantic Total</b> .....	<b>13,757</b>	<b>14,034</b>	<b>17,764</b>	<b>-22.6</b>
New Jersey .....	528	573	842	-37.4
New York .....	1,432	1,513	1,889	-24.2
Pennsylvania .....	11,798	11,949	15,034	-21.5
<b>East North Central Total</b> .....	<b>39,549</b>	<b>40,362</b>	<b>45,855</b>	<b>-13.8</b>
Illinois .....	9,179	9,314	8,861	3.6
Indiana .....	9,997	10,167	13,185	-24.2
Michigan .....	8,991	9,556	9,751	-7.8
Ohio .....	7,218	7,064	9,959	-27.5
Wisconsin .....	4,165	4,262	4,099	1.8
<b>West North Central Total</b> .....	<b>19,948</b>	<b>20,325</b>	<b>21,904</b>	<b>-8.9</b>
Iowa .....	4,456	4,594	4,507	-1.1
Kansas .....	3,300	3,451	3,288	.4
Minnesota .....	2,579	2,667	3,346	-22.9
Missouri .....	4,541	4,675	4,958	-8.4
Nebraska .....	1,592	1,629	1,880	-15.3
North Dakota .....	3,168	3,002	3,586	-11.7
South Dakota .....	314	307	341	-7.9
<b>South Atlantic Total</b> .....	<b>23,379</b>	<b>24,879</b>	<b>29,878</b>	<b>-21.8</b>
Delaware .....	498	549	438	13.6
District of Columbia .....	-	-	-	-
Florida .....	4,804	4,890	3,196	50.3
Georgia .....	4,926	5,252	6,505	-24.3
Maryland .....	1,476	1,304	1,604	-8.0
North Carolina .....	3,727	4,271	4,465	-18.5
South Carolina .....	1,661	1,914	1,968	-15.6
Virginia .....	1,211	1,144	2,300	-47.4
West Virginia .....	5,077	5,555	9,401	-46.0
<b>East South Central Total</b> .....	<b>13,351</b>	<b>13,837</b>	<b>18,183</b>	<b>-26.6</b>
Alabama .....	4,462	4,661	4,450	.3
Kentucky .....	4,124	4,003	7,679	-46.3
Mississippi .....	870	949	837	3.9
Tennessee .....	3,895	4,224	5,217	-25.3
<b>West South Central Total</b> .....	<b>16,272</b>	<b>16,359</b>	<b>17,757</b>	<b>-8.4</b>
Arkansas .....	1,899	1,784	2,329	-18.5
Louisiana .....	2,772	2,868	2,803	-1.1
Oklahoma .....	2,678	2,745	3,634	-26.3
Texas .....	8,922	8,961	8,992	-.8
<b>Mountain Total</b> .....	<b>17,079</b>	<b>17,104</b>	<b>17,265</b>	<b>-1.1</b>
Arizona .....	4,187	4,143	3,813	9.8
Colorado .....	3,763	3,697	3,635	3.5
Idaho .....	-	-	-	-
Montana .....	913	934	851	7.2
Nevada .....	1,434	1,505	1,782	-19.5
New Mexico .....	1,392	1,278	1,246	11.7
Utah .....	2,772	2,915	3,133	-11.5
Wyoming .....	2,619	2,633	2,805	-6.6
<b>Pacific Total</b> .....	<b>1,698</b>	<b>1,705</b>	<b>1,180</b>	<b>44.0</b>
California .....	-	-	-	-
Oregon .....	786	786	561	40.1
Washington .....	910	916	615	47.9
Alaska .....	3	3	4	-23.6
Hawaii .....	-	-	-	-
<b>U.S. Total</b> .....	<b>146,143</b>	<b>149,746</b>	<b>170,797</b>	<b>-14.4</b>

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 6. Coal Consumption at Electric Utility Plants: December 1988**  
(Thousand Short Tons)

Census Division and State	December 1988	November 1988	December 1987	Year to Date		
				1988	1987	Percent Change
<b>New England Total</b> .....	<b>610</b>	<b>584</b>	<b>613</b>	<b>6,330</b>	<b>6,217</b>	<b>1.8</b>
Connecticut .....	89	76	88	854	787	8.5
Maine .....	-	-	-	-	-	-
Massachusetts .....	423	394	404	4,260	4,267	-2.2
New Hampshire .....	99	113	121	1,217	1,163	4.6
Rhode Island .....	0	0	0	0	0	-
Vermont .....	-	-	-	-	-	-
<b>Middle Atlantic Total</b> .....	<b>5,109</b>	<b>4,602</b>	<b>4,966</b>	<b>55,295</b>	<b>52,172</b>	<b>6.0</b>
New Jersey .....	353	306	256	3,009	3,081	-2.3
New York .....	863	731	828	9,120	7,828	16.5
Pennsylvania .....	3,893	3,565	3,882	43,166	41,263	4.6
<b>East North Central Total</b> .....	<b>14,133</b>	<b>12,825</b>	<b>12,595</b>	<b>163,501</b>	<b>161,833</b>	<b>1.0</b>
Illinois .....	2,474	2,298	1,911	26,681	28,894	-7.7
Indiana .....	3,687	3,043	2,939	40,080	36,987	8.3
Michigan .....	2,426	2,382	2,452	30,007	30,854	-2.7
Ohio .....	4,062	3,698	3,897	48,893	47,520	2.9
Wisconsin .....	1,484	1,404	1,395	17,861	17,579	1.6
<b>West North Central Total</b> .....	<b>9,286</b>	<b>8,197</b>	<b>8,464</b>	<b>99,780</b>	<b>89,174</b>	<b>11.9</b>
Iowa .....	1,175	792	1,211	12,697	12,997	-2.3
Kansas .....	1,516	1,359	1,420	14,742	14,942	-1.3
Minnesota .....	1,311	1,382	1,438	16,166	13,495	19.8
Missouri .....	2,292	1,908	1,933	24,356	23,012	5.8
Nebraska .....	808	619	534	7,744	6,428	20.5
North Dakota .....	1,954	1,942	1,908	21,686	17,434	24.4
South Dakota .....	230	194	20	2,388	865	175.9
<b>South Atlantic Total</b> .....	<b>11,596</b>	<b>10,173</b>	<b>10,238</b>	<b>128,628</b>	<b>125,582</b>	<b>2.4</b>
Delaware .....	229	201	213	2,420	2,449	-1.2
District of Columbia .....	-	-	-	-	-	-
Florida .....	1,973	1,822	1,973	23,528	22,598	4.1
Georgia .....	2,096	1,978	2,144	26,513	27,130	-2.3
Maryland .....	626	683	697	9,020	8,228	9.6
North Carolina .....	1,837	1,331	1,210	17,768	17,255	3.0
South Carolina .....	970	775	599	9,210	9,019	2.1
Virginia .....	900	772	737	8,469	8,297	2.1
West Virginia .....	2,963	2,810	2,664	31,704	30,605	3.6
<b>East South Central Total</b> .....	<b>6,612</b>	<b>6,078</b>	<b>6,409</b>	<b>77,709</b>	<b>74,573</b>	<b>4.2</b>
Alabama .....	1,711	1,529	1,530	20,022	20,746	-3.5
Kentucky .....	2,631	2,485	2,482	31,818	28,569	11.4
Mississippi .....	365	343	419	4,859	4,562	6.5
Tennessee .....	1,905	1,720	1,978	21,010	20,697	1.5
<b>West South Central Total</b> .....	<b>10,502</b>	<b>8,544</b>	<b>9,891</b>	<b>121,368</b>	<b>113,455</b>	<b>7.0</b>
Arkansas .....	1,054	1,081	905	12,295	11,764	4.5
Louisiana .....	1,180	643	818	12,301	10,029	22.7
Oklahoma .....	1,178	1,119	948	14,435	12,861	12.2
Texas .....	7,090	5,701	7,220	82,335	78,802	4.5
<b>Mountain Total</b> .....	<b>8,543</b>	<b>7,829</b>	<b>8,774</b>	<b>98,346</b>	<b>89,145</b>	<b>10.3</b>
Arizona .....	910	1,144	1,276	13,927	12,706	9.6
Colorado .....	1,351	1,281	1,284	15,087	14,178	6.4
Idaho .....	-	-	-	-	-	-
Montana .....	986	923	981	10,410	7,530	38.3
Nevada .....	652	427	689	8,153	6,807	19.8
New Mexico .....	1,393	1,169	1,304	14,661	14,340	2.2
Utah .....	1,063	813	1,062	12,544	11,175	12.2
Wyoming .....	2,187	2,073	2,218	23,563	22,408	5.2
<b>Pacific Total</b> .....	<b>492</b>	<b>440</b>	<b>602</b>	<b>5,837</b>	<b>5,742</b>	<b>1.6</b>
California .....	-	-	-	-	-	-
Oregon .....	0	0	0	0	0	-
Washington .....	468	416	575	5,561	5,468	1.7
Alaska .....	25	24	27	276	274	.7
Hawaii .....	-	-	-	-	-	-
<b>U.S. Total</b> .....	<b>66,884</b>	<b>59,271</b>	<b>62,551</b>	<b>756,793</b>	<b>717,894</b>	<b>5.4</b>

Note: Total may not equal sum of components because of independent rounding.  
Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 7. Coal Exports by Continent and Country of Destination:**  
**December 1988**  
(Short Tons)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
<b>North America Total</b> .....	<b>2,455,959</b>	<b>2,197,995</b>	<b>2,469,730</b>	<b>19,872,320</b>	<b>16,464,461</b>	<b>19.5</b>
Canada .....	2,442,984	2,179,087	2,447,933	19,231,950	16,228,641	18.5
Costa Rica .....	-	-	-	187	9	( <sup>1</sup> )
Dominican Republic .....	-	-	-	76,934	62,067	24.0
Haiti .....	-	6,609	-	39,497	-	-
Honduras .....	-	-	-	47	58	-19.0
Jamaica .....	-	-	-	19,518	-	-
Mexico .....	12,975	12,299	21,840	304,189	105,834	187.4
Netherlands Antilles .....	-	-	-	-	69,024	-
Panama .....	-	-	-	-	88	-
Trinidad & Tobago .....	-	-	157	-	740	-
<b>South America Total</b> .....	<b>640,348</b>	<b>584,411</b>	<b>763,490</b>	<b>5,958,557</b>	<b>6,719,971</b>	<b>-11.3</b>
Argentina .....	61,887	121,082	122,613	609,842	748,346	-18.5
Brazil .....	576,989	463,329	635,186	5,252,100	5,830,034	-9.9
Chile .....	-	-	-	56,212	93,311	-39.8
Colombia .....	-	-	-	15	-	-
Ecuador .....	-	-	-	364	101	260.4
Guyana .....	-	-	-	-	11	-
Peru .....	75	-	-	165	29,464	-99.4
Venezuela .....	1,395	-	5,691	39,659	18,704	113.1
<b>Europe Total</b> .....	<b>4,229,197</b>	<b>4,034,703</b>	<b>2,816,945</b>	<b>45,137,209</b>	<b>34,159,356</b>	<b>32.1</b>
Albania .....	27,888	-	-	182,608	83,284	119.5
Belgium & Luxembourg .....	491,673	744,405	574,547	6,490,382	4,577,953	41.8
Denmark .....	131,445	133,522	-	2,804,211	933,662	200.3
Finland .....	-	-	-	68,131	171,734	-60.3
France .....	255,780	394,700	230,796	4,301,915	2,886,128	49.1
Gibraltar .....	-	-	-	-	17,003	-
Greece .....	-	-	-	200	-	-
Iceland .....	8,104	7,785	5,370	49,520	42,164	17.4
Ireland .....	94,592	172,283	164,909	1,469,337	1,409,747	4.2
Italy .....	1,209,373	606,773	890,898	11,069,756	9,537,152	16.1
Netherlands .....	631,964	435,173	385,415	5,085,560	4,093,387	24.2
Norway .....	22,820	5,468	31,975	269,435	172,876	55.9
Portugal .....	-	93,834	-	883,398	1,286,502	-31.3
Romania .....	405,293	190,850	118,130	1,512,335	1,098,397	37.7
Spain .....	331,289	271,897	268,240	2,541,850	2,454,490	3.6
Sweden .....	-	148,098	-	717,588	668,381	7.4
Turkey .....	180,531	252,327	-	2,023,463	771,778	162.2
United Kingdom .....	239,749	461,221	128,479	3,670,636	2,589,662	41.8
West Germany .....	-	8,702	18,186	701,539	477,028	47.1
Yugoslavia .....	198,696	107,655	-	1,295,147	889,028	45.7
<b>Asia Total</b> .....	<b>1,658,412</b>	<b>1,422,247</b>	<b>1,734,614</b>	<b>23,074,864</b>	<b>20,205,661</b>	<b>14.2</b>
China (Taiwan) .....	441,909	234,542	384,119	4,674,364	4,768,704	-2.0
India .....	-	-	-	-	53	-
Indonesia .....	-	-	-	553	164	237.2
Israel .....	-	-	-	243,427	242,894	.2
Japan .....	794,558	936,776	953,880	14,122,057	11,082,422	27.4
Jordan .....	-	-	-	56	-	-
Korea, Republic of .....	420,705	249,747	396,615	3,939,200	4,024,923	-2.1
Kuwait .....	-	-	-	-	33	-
Pakistan .....	-	-	-	88,305	85,725	3.0
Philippines .....	648	-	-	823	182	352.2
Saudi Arabia .....	-	-	-	659	452	45.8
Singapore .....	173	-	-	1,344	109	( <sup>1</sup> )
Thailand .....	419	890	-	3,337	-	-
United Arab Emirates .....	-	292	-	739	-	-

<sup>1</sup> Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 7. Coal Exports by Continent and Country of Destination:  
December 1988 (Continued)  
(Short Tons)**

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
Oceania & Australia Total .....	176	-	-	2,040	1,586	28.6
Australia .....	-	-	-	847	921	-8.0
French Pacific Isl .....	176	-	-	697	532	31.0
New Zealand .....	-	-	-	496	133	272.9
Africa Total .....	39,188	98,610	257,025	1,178,024	2,056,226	-42.7
Algeria .....	-	-	95,942	707,898	910,263	-22.2
Egypt .....	-	98,610	47,470	430,869	467,053	-7.7
Gabon .....	-	-	-	69	-	-
Liberia .....	-	-	113,613	-	113,613	-
Morocco .....	39,188	-	-	39,188	503,639	-92.2
Nigeria .....	-	-	-	-	11	-
South Africa, Rep of .....	-	-	-	-	61,647	-
<b>Total .....</b>	<b>9,023,278</b>	<b>8,337,966</b>	<b>8,041,804</b>	<b>95,023,014</b>	<b>79,607,261</b>	<b>19.4</b>

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 8. Average Price<sup>1</sup> of Coal Exports: December 1988**  
(Dollars per Short Ton)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
<b>North America Total</b> .....	<b>\$40.19</b>	<b>\$41.74</b>	<b>\$40.05</b>	<b>\$41.92</b>	<b>\$41.80</b>	<b>0.1</b>
Canada .....	40.15	41.79	39.90	41.90	41.79	.3
Costa Rica .....	-	-	-	34.99	( <sup>2</sup> )	-89.7
Dominican Republic .....	-	-	-	37.75	39.24	-3.8
Haiti .....	-	30.21	-	30.25	-	-
Honduras .....	-	-	-	( <sup>2</sup> )	( <sup>2</sup> )	-52.2
Jamaica .....	-	-	-	27.62	-	-
Mexico .....	48.83	38.68	55.31	46.97	( <sup>2</sup> )	-22.4
Netherlands Antilles .....	-	-	-	-	38.75	-
Panama .....	-	-	-	-	( <sup>2</sup> )	-
Trinidad & Tobago .....	-	-	( <sup>2</sup> )	-	( <sup>2</sup> )	-
<b>South America Total</b> .....	<b>44.61</b>	<b>45.62</b>	<b>43.58</b>	<b>44.76</b>	<b>44.45</b>	<b>.7</b>
Argentina .....	42.56	43.77	41.96	43.71	43.32	.9
Brazil .....	44.31	46.10	43.32	44.65	44.21	1.0
Chile .....	-	-	-	46.99	45.98	2.2
Colombia .....	-	-	-	( <sup>2</sup> )	-	-
Ecuador .....	-	-	-	34.92	( <sup>2</sup> )	-79.5
Guyana .....	-	-	-	-	( <sup>2</sup> )	-
Peru .....	39.87	-	-	39.94	50.96	-21.6
Venezuela .....	( <sup>2</sup> )	-	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	-50.6
<b>Europe Total</b> .....	<b>43.65</b>	<b>42.22</b>	<b>42.32</b>	<b>42.14</b>	<b>42.52</b>	<b>-.9</b>
Albania .....	39.36	-	-	39.32	39.87	-1.4
Belgium & Luxembourg .....	43.62	43.69	40.85	42.33	41.61	1.7
Denmark .....	29.70	27.80	-	30.09	33.01	-8.9
Finland .....	-	-	-	41.73	41.11	1.5
France .....	41.65	42.51	42.30	43.83	43.12	1.6
Gibraltar .....	-	-	-	-	43.18	-
Greece .....	-	-	-	39.95	-	-
Iceland .....	52.82	50.72	48.36	53.24	55.61	-4.3
Ireland .....	44.49	42.58	45.30	41.60	43.97	-5.4
Italy .....	44.22	43.16	41.82	42.72	41.58	2.7
Netherlands .....	40.92	40.57	42.36	40.37	43.31	-6.8
Norway .....	( <sup>2</sup> )	( <sup>2</sup> )	45.86	56.02	( <sup>2</sup> )	-9.9
Portugal .....	-	36.46	-	38.98	42.91	-9.2
Romania .....	47.28	41.62	41.92	43.56	42.92	1.5
Spain .....	45.88	44.19	43.57	45.17	43.98	2.7
Sweden .....	-	40.22	-	44.46	43.59	2.0
Turkey .....	43.67	42.18	-	43.40	44.15	-1.7
United Kingdom .....	46.01	44.47	44.44	44.57	44.26	.7
West Germany .....	-	37.77	46.63	44.47	41.79	6.4
Yugoslavia .....	43.76	42.53	-	44.52	43.30	2.8
<b>Asia Total</b> .....	<b>41.47</b>	<b>43.84</b>	<b>40.91</b>	<b>41.93</b>	<b>43.51</b>	<b>-3.6</b>
China (Taiwan) .....	41.08	40.42	40.33	40.21	39.94	.7
India .....	-	-	-	-	39.62	-
Indonesia .....	-	-	-	40.02	39.90	.3
Israel .....	-	-	-	36.91	38.56	1.0
Japan .....	40.94	44.98	41.36	42.32	45.82	-7.6
Jordan .....	-	-	-	50.00	-	-
Korea, Republic of .....	42.88	42.80	40.40	42.57	41.54	2.5
Kuwait .....	-	-	-	-	( <sup>2</sup> )	-
Pakistan .....	-	-	-	55.00	54.43	1.0
Philippines .....	35.62	-	-	( <sup>2</sup> )	36.19	66.7
Saudi Arabia .....	-	-	-	39.99	( <sup>2</sup> )	-39.7
Singapore .....	40.02	-	-	35.66	( <sup>2</sup> )	-76.7
Thailand .....	53.93	35.06	-	37.85	-	-
United Arab Emirates .....	-	34.96	-	42.19	-	-

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Average prices of \$60.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 8. Average Price<sup>1</sup> of Coal Exports: December 1988 (Continued)**  
(Dollars per Short Ton)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
Oceania & Australia Total .....	\$40.09	-	-	\$41.63	\$50.34	-17.3
Australia .....	-	-	-	42.14	57.80	-27.1
French Pacific Isl .....	40.09	-	-	40.02	40.01	(*)
New Zealand .....	-	-	-	43.03	40.00	7.6
Africa Total .....	33.34	\$44.13	\$41.03	43.88	41.33	6.2
Algeria .....	-	-	40.83	44.31	43.72	1.3
Egypt .....	-	44.13	41.93	44.13	42.08	4.9
Gabon .....	-	-	-	40.17	-	-
Liberia .....	-	-	40.82	-	40.82	-
Morocco .....	33.34	-	-	33.34	35.55	-6.2
Nigeria .....	-	-	-	-	( <sup>2</sup> )	-
South Africa, Rep of .....	-	-	-	-	48.25	-
Total .....	42.33	42.63	41.40	42.23	42.77	-1.3

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Average prices of \$60.00 or more are not shown.

(\*) Rounded to zero

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 9. Coal Exports by Continent and Country of Destination, and Rank:**  
**December 1988**  
(Short Tons)

Continent and Country of Destination	Anthracite	Lignite <sup>1</sup>	Bituminous			Total
			Metallurgical	Steam <sup>2</sup>	Total	
North America Total .....	47,551	8,230	660,141	1,740,037	2,400,178	2,455,959
Canada .....	45,763	-	657,184	1,740,037	2,397,221	2,442,984
Mexico .....	1,788	8,230	2,957	-	2,957	12,975
South America Total .....	1,395	260	638,616	75	638,691	640,346
Argentina .....	-	260	61,627	-	61,627	61,887
Brazil .....	-	-	576,989	-	576,989	576,989
Peru .....	-	-	-	75	75	75
Venezuela .....	1,395	-	-	-	-	1,395
Europe Total .....	11,767	630	3,237,852	978,948	4,216,800	4,229,197
Albania .....	-	-	27,888	-	27,888	27,888
Belgium & Luxembourg .....	-	-	491,673	-	491,673	491,673
Denmark .....	-	-	-	131,445	131,445	131,445
France .....	-	-	255,780	-	255,780	255,780
Iceland .....	-	-	-	8,104	8,104	8,104
Ireland .....	-	-	-	94,592	94,592	94,592
Italy .....	-	567	813,788	395,018	1,208,806	1,209,373
Netherlands .....	-	-	319,730	312,234	631,964	631,984
Norway .....	6,346	-	9,521	6,953	16,474	22,820
Romania .....	-	-	405,293	-	405,293	405,293
Spain .....	-	-	330,780	499	331,289	331,289
Turkey .....	5,421	63	175,047	-	175,047	180,531
United Kingdom .....	-	-	221,621	18,128	239,749	239,749
Yugoslavia .....	-	-	186,721	11,975	198,696	198,696
Asia Total .....	35,713	682	1,018,135	603,882	1,622,017	1,658,412
China (Taiwan) .....	-	-	-	441,909	441,909	441,909
Japan .....	-	607	708,856	85,095	793,951	794,558
Korea, Republic of .....	34,721	-	309,279	76,705	385,984	420,705
Philippines .....	573	75	-	-	-	648
Singapore .....	-	-	-	173	173	173
Thailand .....	419	-	-	-	-	419
Oceania & Australia Total .....	-	176	-	-	-	176
French Pacific Isl .....	-	176	-	-	-	176
Africa Total .....	-	-	-	39,188	39,188	39,188
Morocco .....	-	-	-	39,188	39,188	39,188
Total .....	96,426	9,978	5,554,744	3,362,130	8,916,874	9,023,278

<sup>1</sup> Includes drilling mud containing lignite.

<sup>2</sup> Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 10. Coal Exports by Continent and Country of Destination, and Rank:**  
**January - December 1988**  
(Short Tons)

Continent and Country of Destination	Anthracite	Lignite <sup>1</sup>	Bituminous			Total
			Metallurgical	Steam <sup>2</sup>	Total	
<b>North America Total</b> .....	527,869	44,055	7,555,927	11,544,469	19,100,396	19,672,320
Canada .....	506,020	753	7,278,137	11,447,040	18,725,177	19,231,950
Costa Rica .....	187	-	-	-	-	187
Dominican Republic .....	-	-	76,934	-	76,934	76,934
Haiti .....	-	-	-	39,497	39,497	39,497
Honduras .....	22	-	25	-	25	47
Jamaica .....	-	-	-	19,516	19,516	19,516
Mexico .....	21,640	43,302	200,831	38,416	239,247	304,189
<b>South America Total</b> .....	55,529	330	5,770,897	131,801	5,902,698	5,958,557
Argentina .....	36	260	609,546	-	609,546	609,842
Brazil .....	14,972	70	5,105,422	131,636	5,237,058	5,252,100
Chile .....	283	-	55,929	-	55,929	56,212
Colombia .....	15	-	-	-	-	15
Ecuador .....	364	-	-	-	-	364
Peru .....	-	-	-	165	165	165
Venezuela .....	39,859	-	-	-	-	39,859
<b>Europe Total</b> .....	44,760	1,451	31,771,318	13,319,880	45,090,998	45,137,209
Albania .....	-	-	182,808	-	182,808	182,808
Belgium & Luxembourg .....	-	-	5,593,877	896,505	6,490,382	6,490,382
Denmark .....	-	-	135,914	2,668,297	2,804,211	2,804,211
Finland .....	-	-	68,131	-	68,131	68,131
France .....	5	-	4,278,227	23,683	4,301,910	4,301,915
Greece .....	-	-	-	200	200	200
Iceland .....	-	-	-	49,520	49,520	49,520
Ireland .....	-	-	26,680	1,442,657	1,469,337	1,469,337
Italy .....	-	844	6,394,536	4,674,376	11,068,912	11,069,756
Netherlands .....	-	-	2,727,258	2,358,302	5,085,560	5,085,560
Norway .....	37,554	267	122,990	108,624	231,614	269,435
Portugal .....	-	-	199,663	683,733	883,396	883,396
Romania .....	-	-	1,512,335	-	1,512,335	1,512,335
Spain .....	-	219	2,500,768	40,863	2,541,631	2,541,850
Sweden .....	-	-	586,501	131,087	717,588	717,588
Turkey .....	5,521	121	2,017,722	99	2,017,821	2,023,463
United Kingdom .....	132	-	3,542,774	127,730	3,670,504	3,670,636
West Germany .....	314	-	645,919	55,306	701,225	701,539
Yugoslavia .....	1,234	-	1,235,215	58,698	1,293,913	1,295,147
<b>Asia Total</b> .....	271,872	68,668	15,712,946	7,021,378	22,734,324	23,074,864
China (Taiwan) .....	-	67,058	685,897	3,921,409	4,607,308	4,674,364
Indonesia .....	-	83	-	470	470	553
Israel .....	-	-	-	243,427	243,427	243,427
Japan .....	-	1,331	12,115,538	2,005,188	14,120,726	14,122,057
Jordan .....	-	-	56	-	56	56
Korea, Republic of .....	266,445	-	2,823,150	849,605	3,672,755	3,939,200
Pakistan .....	-	-	88,305	-	88,305	88,305
Philippines .....	627	196	-	-	-	823
Saudi Arabia .....	-	-	-	659	659	659
Singapore .....	1,171	-	-	173	173	1,344
Thailand .....	3,337	-	-	-	-	3,337
United Arab Emirates .....	292	-	-	447	447	739
<b>Oceania &amp; Australia Total</b> .....	700	697	-	643	643	2,040
Australia .....	639	0	-	208	208	847
French Pacific Isl .....	-	697	-	-	-	697
New Zealand .....	61	-	-	435	435	496
<b>Africa Total</b> .....	-	-	1,138,787	39,257	1,178,024	1,178,024
Algeria .....	-	-	707,898	-	707,898	707,898
Egypt .....	-	-	430,869	-	430,869	430,869
Gabon .....	-	-	-	69	69	69
Morocco .....	-	-	-	39,188	39,188	39,188
<b>Total</b> .....	900,730	115,201	61,948,855	32,057,228	94,007,083	95,023,014

<sup>1</sup> Includes drilling mud containing lignite.

<sup>2</sup> Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 622."



**Table 11. Coal Exports by Customs District and Rank: December 1988**  
(Short Tons)

Customs District	Anthracite	Lignite <sup>1</sup>	Bituminous			Total
			Metallurgical	Steam <sup>2</sup>	Total	
<b>Eastern Total</b> .....	<b>91,282</b>	<b>323</b>	<b>3,841,554</b>	<b>797,331</b>	<b>4,638,885</b>	<b>4,730,490</b>
Baltimore, MD .....	-	260	327,184	68,807	395,991	396,251
Buffalo, NY .....	6,217	-	149	293	442	6,659
New York City, NY .....	34,721	63	-	-	-	34,784
Ogdensburg, NY .....	1,735	-	-	592	592	2,327
Philadelphia, PA .....	48,036	-	37,939	109,229	147,168	195,204
Norfolk, VA .....	573	-	3,476,282	618,410	4,094,692	4,095,265
<b>Southern Total</b> .....	<b>3,183</b>	<b>8,151</b>	<b>1,006,465</b>	<b>539,718</b>	<b>1,546,183</b>	<b>1,557,517</b>
Mobile, AL .....	-	-	618,325	-	618,325	618,325
New Orleans, LA .....	1,395	-	122,397	507,044	629,441	630,836
Wilmington, NC .....	-	-	126,018	-	126,018	126,018
Charleston, SC .....	-	-	139,725	11,975	151,700	151,700
Houston-Galveston, TX .....	-	-	-	20,699	20,699	20,699
Laredo, TX .....	1,788	8,151	-	-	-	9,939
<b>Western Total</b> .....	<b>558</b>	<b>937</b>	<b>51,374</b>	<b>278,778</b>	<b>330,152</b>	<b>331,647</b>
Anchorage, AK .....	-	-	-	76,705	76,705	76,705
Los Angeles, CA .....	419	75	16,800	201,900	218,700	219,194
San Diego, CA .....	-	79	-	-	-	79
San Francisco, CA .....	-	-	32,890	-	32,890	32,890
Great Falls, MT .....	139	-	359	-	359	498
Portland, OR .....	-	176	-	-	-	176
Seattle, WA .....	-	607	1,325	173	1,498	2,105
<b>Northern Total</b> .....	<b>1,403</b>	<b>567</b>	<b>655,351</b>	<b>1,746,303</b>	<b>2,401,654</b>	<b>2,403,624</b>
Chicago, IL .....	-	-	-	13,981	13,981	13,981
Detroit, MI .....	1,403	567	-	274	274	2,244
Duluth, MN .....	-	-	-	57,599	57,599	57,599
Cleveland, OH .....	-	-	655,351	1,674,449	2,329,800	2,329,800
<b>Total</b> .....	<b>96,426</b>	<b>9,978</b>	<b>5,554,744</b>	<b>3,362,130</b>	<b>8,916,874</b>	<b>9,023,278</b>

<sup>1</sup> Includes drilling mud containing lignite.

<sup>2</sup> Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 12. Coal Exports by Customs District and Rank:**  
**January - December 1988**  
 (Short Tons)

Customs District	Anthracite	Lignite <sup>1</sup>	Bituminous			Total
			Metallurgical	Steam <sup>2</sup>	Total	
<b>Eastern Total</b> .....	<b>835,644</b>	<b>599</b>	<b>44,475,384</b>	<b>9,517,709</b>	<b>53,993,093</b>	<b>54,829,336</b>
Baltimore, MD .....	1,396	401	4,514,326	2,965,827	7,480,153	7,481,950
Buffalo, NY .....	53,734	-	877	3,086	3,963	57,697
New York City, NY .....	138,149	198	-	45	45	138,392
Ogdensburg, NY .....	7,719	-	-	5,562	5,562	13,281
Philadelphia, PA .....	633,648	-	194,546	1,517,314	1,711,860	2,345,508
Norfolk, VA .....	998	-	39,765,635	5,025,489	44,791,124	44,792,122
St. Albans, VT .....	-	-	-	386	386	386
<b>Southern Total</b> .....	<b>46,920</b>	<b>43,018</b>	<b>9,924,284</b>	<b>8,906,167</b>	<b>18,830,451</b>	<b>18,920,389</b>
Mobile, AL .....	-	-	7,361,606	916,409	8,278,015	8,278,015
Savannah, GA .....	-	84	-	-	-	84
Miami, FL .....	22	-	-	13	13	35
New Orleans, LA .....	27,881	-	1,446,515	7,777,248	9,223,763	9,251,644
Wilmington, NC .....	-	-	375,262	500	375,762	375,762
Charleston, SC .....	-	113	740,349	98,234	838,583	838,696
El Paso, TX .....	-	-	61	-	61	61
Houston-Galveston, TX .....	16	337	123	109,169	109,292	109,645
Laredo, TX .....	19,001	42,484	368	4,594	4,962	66,447
<b>Western Total</b> .....	<b>3,525</b>	<b>70,198</b>	<b>315,046</b>	<b>1,800,009</b>	<b>2,115,055</b>	<b>2,188,778</b>
Anchorage, AK .....	-	-	-	826,871	826,871	826,871
Los Angeles, CA .....	2,589	75	216,107	834,831	1,050,938	1,053,602
San Diego, CA .....	-	818	-	609	609	1,427
San Francisco, CA .....	20	521	32,890	10,659	43,549	44,090
Great Falls, MT .....	139	98	359	905	1,264	1,501
Portland, OR .....	-	176	-	110	110	286
Seattle, WA .....	777	68,510	65,690	126,024	191,714	261,001
<b>Northern Total</b> .....	<b>14,641</b>	<b>1,386</b>	<b>7,235,141</b>	<b>11,833,343</b>	<b>19,068,484</b>	<b>19,084,511</b>
Chicago, IL .....	-	-	176	14,006	14,182	14,182
Detroit, MI .....	13,610	980	593	33,370	33,963	48,553
Duluth, MN .....	-	-	24,315	171,756	196,071	196,071
Pembina, ND .....	1,031	406	197	3,202	3,399	4,836
Cleveland, OH .....	-	-	7,209,880	11,611,009	18,820,869	18,820,869
<b>Total</b> .....	<b>900,730</b>	<b>115,201</b>	<b>61,949,855</b>	<b>32,057,228</b>	<b>94,007,083</b>	<b>95,023,014</b>

<sup>1</sup> Includes drilling mud containing lignite.

<sup>2</sup> Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 13. Bituminous<sup>1</sup> Coal Exports: December 1988**  
(Short Tons)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total .....	2,400,178	2,143,028	2,448,784	19,100,396	15,987,178	19.6
Canada .....	2,397,221	2,135,935	2,439,573	18,725,177	15,778,445	18.7
Dominican Republic .....	-	-	-	76,934	62,012	24.1
Haiti .....	-	6,609	-	39,497	-	-
Honduras .....	-	-	-	25	36	-30.6
Jamaica .....	-	-	-	19,516	-	-
Mexico .....	2,957	484	9,211	239,247	57,715	314.5
Netherlands Antilles .....	-	-	-	-	68,970	-
South America Total .....	638,691	576,950	752,229	5,902,698	6,683,855	-11.7
Argentina .....	61,627	121,082	122,613	609,546	747,727	-18.5
Brazil .....	576,989	455,868	629,616	5,237,058	5,813,360	-9.9
Chile .....	-	-	-	55,929	93,293	-40.1
Guyana .....	-	-	-	-	11	-
Peru .....	75	-	-	165	29,484	-99.4
Europe Total .....	4,216,800	4,034,431	2,816,945	45,090,998	34,124,041	32.1
Albania .....	27,888	-	-	182,808	83,284	119.5
Belgium & Luxembourg .....	491,673	744,405	574,547	6,490,382	4,577,953	41.8
Denmark .....	131,445	133,522	-	2,804,211	933,662	200.3
Finland .....	-	-	-	68,131	171,734	-60.3
France .....	255,780	394,695	230,798	4,301,910	2,886,128	49.1
Gibraltar .....	-	-	-	-	17,003	-
Greece .....	-	-	-	200	-	-
Iceland .....	8,104	7,795	5,370	49,520	42,164	17.4
Ireland .....	94,592	172,283	164,909	1,469,337	1,409,747	4.2
Italy .....	1,208,806	606,773	890,898	11,068,912	9,536,932	16.1
Netherlands .....	631,964	435,173	385,415	5,085,560	4,093,387	24.2
Norway .....	16,474	5,201	31,975	231,614	141,950	63.2
Portugal .....	-	93,834	-	883,398	1,286,502	-31.3
Romania .....	405,293	190,850	118,130	1,512,335	1,098,397	37.7
Spain .....	331,289	271,897	268,240	2,541,631	2,454,220	3.6
Sweden .....	-	148,098	-	717,588	668,381	7.4
Turkey .....	175,047	252,327	-	2,017,821	771,778	161.5
United Kingdom .....	239,749	461,221	128,479	3,670,504	2,585,527	42.0
West Germany .....	-	8,702	18,186	701,225	476,384	47.2
Yugoslavia .....	198,696	107,655	-	1,293,913	888,908	45.6
Asia Total .....	1,622,017	1,388,192	1,734,027	22,734,324	19,560,595	16.2
China (Taiwan) .....	441,909	201,805	384,119	4,607,306	4,768,704	-3.4
Indonesia .....	-	-	-	470	164	186.6
Israel .....	-	-	-	243,427	242,894	.2
Japan .....	793,951	936,640	953,293	14,120,726	11,080,715	27.4
Jordan .....	-	-	-	56	-	-
Korea, Republic of .....	385,984	249,747	398,615	3,672,755	3,381,941	8.6
Pakistan .....	-	-	-	88,305	85,725	3.0
Saudi Arabia .....	-	-	-	659	452	45.8
Singapore .....	173	-	-	173	-	-
United Arab Emirates .....	-	-	-	447	-	-
Oceania & Australia Total .....	-	-	-	643	440	46.1
Australia .....	-	-	-	208	307	-32.2
New Zealand .....	-	-	-	435	133	227.1
Africa Total .....	39,188	98,610	257,025	1,178,024	2,056,189	-42.7
Algeria .....	-	-	95,942	707,898	910,263	-22.2
Egypt .....	-	98,610	47,470	430,869	467,027	-7.7
Gabon .....	-	-	-	69	-	-
Liberia .....	-	-	113,613	-	113,613	-
Morocco .....	39,188	-	-	39,188	503,639	-92.2
South Africa, Rep of .....	-	-	-	-	61,647	-
Total .....	8,916,874	8,241,211	8,009,010	94,007,083	78,392,298	19.8

<sup>1</sup> Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 14. Average Price<sup>1</sup> of Bituminous<sup>2</sup> Coal Exports: December 1988**  
(Dollars per Short Ton)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total .....	\$39.83	\$41.37	\$39.95	\$41.40	\$41.32	0.2
Canada .....	39.78	41.41	39.81	41.36	41.20	.4
Dominican Republic .....	-	-	-	37.75	39.01	-3.2
Haiti .....	-	30.21	-	30.25	-	-
Honduras .....	-	-	-	( <sup>3</sup> )	( <sup>3</sup> )	-56.6
Jamaica .....	-	-	-	27.62	-	-
Mexico .....	( <sup>3</sup> )	40.00	( <sup>3</sup> )	48.79	( <sup>3</sup> )	-38.5
Netherlands Antilles .....	-	-	-	-	38.75	-
South America Total .....	44.14	44.90	42.66	44.43	44.03	.9
Argentina .....	42.57	43.77	41.96	43.71	43.32	.9
Brazil .....	44.31	45.20	42.80	44.49	44.06	1.0
Chile .....	-	-	-	47.05	45.97	2.4
Guyana .....	-	-	-	-	( <sup>3</sup> )	-
Peru .....	39.87	-	-	39.94	50.96	-21.6
Europe Total .....	43.53	42.22	42.32	42.10	42.48	-.9
Albania .....	39.36	-	-	39.32	39.87	-1.4
Belgium & Luxembourg .....	43.62	43.69	40.85	42.33	41.61	1.7
Denmark .....	29.70	27.80	-	30.09	33.01	-8.9
Finland .....	-	-	-	41.73	41.11	1.5
France .....	41.65	42.50	42.30	43.83	43.12	1.6
Gibraltar .....	-	-	-	-	43.18	-
Greece .....	-	-	-	39.95	-	-
Iceland .....	52.82	50.72	48.36	53.24	55.61	-4.3
Ireland .....	44.49	42.58	45.30	41.60	43.97	-5.4
Italy .....	44.22	43.16	41.82	42.72	41.58	2.7
Netherlands .....	40.92	40.57	42.36	40.37	43.31	-6.8
Norway .....	( <sup>3</sup> )	( <sup>3</sup> )	45.86	51.81	57.50	-9.9
Portugal .....	-	36.46	-	38.98	42.91	-9.2
Romania .....	47.28	41.62	41.92	43.56	42.92	1.5
Spain .....	45.88	44.19	43.57	45.17	43.99	2.7
Sweden .....	-	40.22	-	44.46	43.59	2.0
Turkey .....	42.18	42.18	-	43.28	44.15	-2.0
United Kingdom .....	46.01	44.47	44.44	44.57	44.27	.7
West Germany .....	-	37.77	46.63	44.47	41.77	6.5
Yugoslavia .....	43.76	42.53	-	44.52	43.30	2.8
Asia Total .....	41.66	44.37	40.90	42.07	43.88	-4.1
China (Taiwan) .....	41.08	43.52	40.33	40.49	39.94	1.4
Indonesia .....	-	-	-	40.00	39.90	.3
Israel .....	-	-	-	36.91	36.56	1.0
Japan .....	40.92	44.97	41.34	42.32	45.82	-7.6
Jordan .....	-	-	-	50.00	-	-
Korea, Republic of .....	43.84	42.80	40.40	43.14	43.31	-.4
Pakistan .....	-	-	-	55.00	54.43	1.0
Saudi Arabia .....	-	-	-	39.99	( <sup>3</sup> )	-39.7
Singapore .....	40.02	-	-	40.02	-	-
United Arab Emirates .....	-	-	-	46.90	-	-
Oceania & Australia Total .....	-	-	-	39.94	( <sup>3</sup> )	-52.3
Australia .....	-	-	-	40.02	( <sup>3</sup> )	-61.1
New Zealand .....	-	-	-	39.90	40.00	-.3
Africa Total .....	33.34	44.13	41.03	43.88	41.32	6.2
Algeria .....	-	-	40.83	44.31	43.72	1.3
Egypt .....	-	44.13	41.93	44.13	42.08	4.9
Gabon .....	-	-	-	40.17	-	-
Liberia .....	-	-	40.82	-	40.82	-
Morocco .....	33.34	-	-	33.34	35.55	-6.2
South Africa, Rep of .....	-	-	-	-	48.25	-
<b>Total .....</b>	<b>42.19</b>	<b>42.57</b>	<b>41.28</b>	<b>42.12</b>	<b>42.69</b>	<b>-1.3</b>

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Includes subbituminous coal.

<sup>3</sup> Average prices of \$60.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 15. Bituminous Metallurgical Coal Exports: December 1988**  
(Short Tons)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total .....	860,141	899,066	833,241	7,555,927	6,552,578	15.3
Canada .....	657,184	899,066	830,188	7,278,137	6,412,792	13.5
Dominican Republic .....	-	-	-	76,934	61,965	24.2
Honduras .....	-	-	-	25	-	-
Mexico .....	2,957	-	3,053	200,831	8,851	( <sup>1</sup> )
Netherlands Antilles .....	-	-	-	-	68,970	-
South America Total .....	638,618	576,950	752,229	5,770,897	6,520,959	-11.5
Argentina .....	61,627	121,082	122,613	609,546	746,518	-18.3
Brazil .....	576,989	455,868	629,616	5,105,422	5,681,148	-10.1
Chile .....	-	-	-	55,929	93,293	-40.1
Europe Total .....	3,237,852	2,914,464	1,960,882	31,771,318	23,895,060	33.0
Albania .....	27,888	-	-	182,808	83,284	119.5
Belgium & Luxembourg .....	491,673	641,553	453,279	5,593,877	3,936,642	42.1
Denmark .....	-	68,885	-	135,814	-	-
Finland .....	-	-	-	68,131	171,734	-60.3
France .....	255,780	394,695	230,796	4,278,227	2,767,661	54.6
Gibraltar .....	-	-	-	-	17,003	-
Ireland .....	-	-	-	26,680	90,367	-70.5
Italy .....	813,788	297,765	510,338	6,394,536	5,265,029	21.5
Netherlands .....	319,730	244,073	208,882	2,727,258	2,600,944	4.9
Norway .....	8,521	5,201	31,975	122,990	135,477	-9.2
Portugal .....	-	-	-	199,663	196,584	1.6
Romania .....	405,293	180,850	118,130	1,512,335	1,098,397	37.7
Spain .....	330,790	258,553	260,817	2,500,768	2,353,893	6.2
Sweden .....	-	64,155	-	586,501	668,381	-12.3
Turkey .....	175,047	252,327	-	2,017,722	771,778	161.4
United Kingdom .....	221,621	380,050	128,479	3,542,774	2,585,527	37.0
West Germany .....	-	8,702	18,186	645,919	324,089	99.3
Yugoslavia .....	188,721	107,655	-	1,235,215	828,270	49.1
Asia Total .....	1,018,135	1,073,663	1,098,197	15,712,948	13,157,882	19.4
China (Taiwan) .....	-	62,256	78,642	685,897	483,067	42.0
Japan .....	708,856	842,901	768,608	12,115,538	10,110,006	19.8
Jordan .....	-	-	-	58	-	-
Korea, Republic of .....	309,279	168,506	252,947	2,823,150	2,479,084	13.9
Pakistan .....	-	-	-	88,305	85,725	3.0
Africa Total .....	-	98,610	257,025	1,138,767	1,552,550	-26.7
Algeria .....	-	-	95,942	707,898	910,263	-22.2
Egypt .....	-	98,610	47,470	430,869	487,027	-7.7
Liberia .....	-	-	113,613	-	113,613	-
South Africa, Rep of .....	-	-	-	-	61,647	-
Total .....	5,554,744	5,562,753	4,901,574	61,949,855	51,679,029	19.9

<sup>1</sup> Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 16. Average Price<sup>1</sup> of Bituminous Metallurgical Coal Exports: December 1988**  
(Dollars per Short Ton)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total .....	\$43.17	\$46.01	\$42.62	\$45.62	\$44.58	2.3
Canada .....	43.00	46.01	42.48	45.78	44.65	2.5
Dominican Republic .....	-	-	-	37.75	38.79	-2.7
Honduras .....	-	-	-	( <sup>2</sup> )	-	-
Mexico .....	( <sup>2</sup> )	-	( <sup>2</sup> )	43.01	( <sup>2</sup> )	-47.3
Netherlands Antilles .....	-	-	-	-	38.75	-
South America Total .....	44.14	44.90	42.66	44.39	43.99	.9
Argentina .....	42.57	43.77	41.96	43.71	43.27	1.0
Brazil .....	44.31	45.20	42.80	44.44	44.05	.9
Chile .....	-	-	-	47.05	45.97	2.4
Europe Total .....	44.80	43.79	43.44	44.00	43.76	.6
Albania .....	39.36	-	-	39.32	39.87	-1.4
Belgium & Luxembourg .....	43.62	45.33	42.75	43.78	42.58	2.8
Denmark .....	-	26.99	-	26.99	-	-
Finland .....	-	-	-	41.73	41.11	1.5
France .....	41.65	42.50	42.30	43.88	43.40	1.1
Gibraltar .....	-	-	-	-	43.18	-
Ireland .....	-	-	-	42.31	41.64	1.6
Italy .....	46.05	46.31	45.02	44.65	44.37	.6
Netherlands .....	43.60	42.56	42.27	42.39	44.04	-3.8
Norway .....	( <sup>2</sup> )	( <sup>2</sup> )	45.86	59.36	57.48	3.3
Portugal .....	-	-	-	42.09	44.50	-5.4
Romania .....	47.28	41.02	41.92	43.58	42.92	1.5
Spain .....	45.89	43.49	43.14	44.96	44.28	1.5
Sweden .....	-	46.56	-	46.20	43.59	6.0
Turkey .....	42.18	42.18	-	43.28	44.15	-2.0
United Kingdom .....	45.92	46.44	44.44	44.83	44.27	1.3
West Germany .....	-	37.77	46.63	44.16	43.50	1.5
Yugoslavia .....	42.20	42.53	-	43.40	42.43	2.3
Asia Total .....	42.80	46.03	42.82	43.73	46.17	-5.3
China (Taiwan) .....	-	44.29	41.82	44.02	42.15	4.4
Japan .....	41.68	46.31	42.87	43.32	46.62	-7.1
Jordan .....	-	-	-	50.00	-	-
Korea, Republic of .....	45.37	45.28	42.98	45.05	44.82	.5
Pakistan .....	-	-	-	55.00	54.43	1.0
Africa Total .....	-	44.13	41.03	44.24	43.20	2.4
Algeria .....	-	-	40.83	44.31	43.72	1.3
Egypt .....	-	44.13	41.93	44.13	42.08	4.9
Liberia .....	-	-	40.82	-	40.82	-
South Africa, Rep of .....	-	-	-	-	48.25	-
Total .....	44.17	44.70	42.92	44.17	44.49	-.7

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Average prices of \$80.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 17. Bituminous Steam<sup>1</sup> Coal Exports: December 1988**  
(Short Tons)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total .....	1,740,037	1,243,982	1,615,543	11,544,469	9,414,600	22.6
Canada .....	1,740,037	1,236,869	1,609,385	11,447,040	9,365,653	22.2
Dominican Republic .....	-	-	-	-	47	-
Haiti .....	-	6,609	-	39,497	-	-
Honduras .....	-	-	-	-	36	-
Jamaica .....	-	-	-	19,516	-	-
Mexico .....	-	484	6,159	38,416	48,864	-21.4
South America Total .....	75	-	-	131,801	162,896	-19.1
Argentina .....	-	-	-	-	1,209	-
Brazil .....	-	-	-	131,636	132,212	-.4
Guyana .....	-	-	-	-	11	-
Peru .....	75	-	-	165	29,464	-99.4
Europe Total .....	978,948	1,119,967	856,063	13,319,680	10,228,981	30.2
Belgium & Luxembourg .....	-	102,852	121,268	896,505	841,311	39.8
Denmark .....	131,445	64,637	-	2,668,297	933,662	185.8
France .....	-	-	-	23,683	118,467	-80.0
Greece .....	-	-	-	200	-	-
Iceland .....	8,104	7,795	5,370	49,520	42,164	17.4
Ireland .....	94,592	172,283	164,909	1,442,657	1,319,380	9.3
Italy .....	395,018	309,008	380,560	4,674,376	4,271,803	9.4
Netherlands .....	312,234	191,100	176,533	2,358,302	1,492,443	58.0
Norway .....	6,953	-	-	108,624	6,473	( <sup>2</sup> )
Portugal .....	-	93,834	-	683,733	1,089,918	-37.3
Spain .....	499	13,344	7,423	40,863	100,327	-59.3
Sweden .....	-	83,943	-	131,087	-	-
Turkey .....	-	-	-	99	-	-
United Kingdom .....	18,128	81,171	-	127,730	-	-
West Germany .....	-	-	-	55,306	152,295	-83.7
Yugoslavia .....	11,975	-	-	58,698	60,638	-3.2
Asia Total .....	603,882	314,529	635,830	7,021,378	6,402,713	9.7
China (Taiwan) .....	441,909	139,549	305,477	3,921,409	4,285,637	-8.5
Indonesia .....	-	-	-	470	164	186.6
Israel .....	-	-	-	243,427	242,894	.2
Japan .....	85,095	93,739	186,685	2,005,188	970,709	106.6
Korea, Republic of .....	76,705	81,241	143,668	849,605	902,857	-5.9
Saudi Arabia .....	-	-	-	659	452	45.8
Singapore .....	173	-	-	173	-	-
United Arab Emirates .....	-	-	-	447	-	-
Oceania & Australia Total .....	-	-	-	643	440	46.1
Australia .....	-	-	-	208	307	-32.2
New Zealand .....	-	-	-	435	133	227.1
Africa Total .....	39,188	-	-	39,257	503,639	-92.2
Gabon .....	-	-	-	69	-	-
Morocco .....	39,188	-	-	39,188	503,639	-92.2
Total .....	3,362,130	2,678,458	3,107,436	32,057,228	26,713,269	20.0

<sup>1</sup> Includes subbituminous coal.

<sup>2</sup> Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 18. Average Price<sup>1</sup> of Bituminous Steam<sup>2</sup> Coal Exports: December 1988**  
(Dollars per Short Ton)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
<b>North America Total</b> .....	<b>\$38.56</b>	<b>\$38.02</b>	<b>\$38.57</b>	<b>\$38.64</b>	<b>\$39.05</b>	<b>-1.0</b>
Canada .....	38.56	38.06	38.44	38.56	38.84	-7
Dominican Republic .....	-	-	-	-	<sup>(3)</sup>	-
Haiti .....	-	30.21	-	30.25	-	-
Honduras .....	-	-	-	-	<sup>(3)</sup>	-
Jamaica .....	-	-	-	27.62	-	-
Mexico .....	-	40.00	<sup>(3)</sup>	<sup>(3)</sup>	<sup>(3)</sup>	.2
<b>South America Total</b> .....	<b>39.87</b>	<b>-</b>	<b>-</b>	<b>46.26</b>	<b>45.69</b>	<b>1.3</b>
Argentina .....	-	-	-	-	<sup>(3)</sup>	-
Brazil .....	-	-	-	46.27	44.22	4.7
Guyana .....	-	-	-	-	<sup>(3)</sup>	-
Peru .....	39.87	-	-	39.94	50.96	-21.8
<b>Europe Total</b> .....	<b>39.31</b>	<b>38.14</b>	<b>39.76</b>	<b>37.57</b>	<b>39.49</b>	<b>-4.9</b>
Belgium & Luxembourg .....	-	33.47	33.77	33.32	35.65	-6.5
Denmark .....	29.70	28.67	-	30.25	33.01	-8.4
France .....	-	-	-	34.88	36.50	-4.4
Greece .....	-	-	-	39.95	-	-
Iceland .....	52.82	50.72	48.36	53.24	55.61	-4.3
Ireland .....	44.49	42.58	45.30	41.59	44.13	-5.7
Italy .....	40.45	40.12	37.52	40.07	38.15	5.0
Netherlands .....	38.17	38.03	42.48	38.04	42.04	-9.5
Norway .....	50.71	-	-	43.28	57.76	-25.1
Portugal .....	-	36.46	-	38.07	42.62	-10.7
Spain .....	39.91	57.71	58.86	57.91	36.96	56.7
Sweden .....	-	35.38	-	36.71	-	-
Turkey .....	-	-	-	39.88	-	-
United Kingdom .....	47.17	35.22	-	37.27	-	-
West Germany .....	-	-	-	48.08	38.08	26.3
Yugoslavia .....	<sup>(3)</sup>	-	-	<sup>(3)</sup>	55.24	23.2
<b>Asia Total</b> .....	<b>39.73</b>	<b>38.70</b>	<b>37.59</b>	<b>38.36</b>	<b>39.17</b>	<b>-2.1</b>
China (Taiwan) .....	41.08	43.18	39.94	39.87	39.70	.4
Indonesia .....	-	-	-	40.00	39.90	.3
Israel .....	-	-	-	36.91	36.56	1.0
Japan .....	34.58	32.93	35.07	36.23	37.48	-3.3
Korea, Republic of .....	37.68	37.68	35.86	36.81	39.16	-6.0
Saudi Arabia .....	-	-	-	39.99	<sup>(3)</sup>	-39.7
Singapore .....	40.02	-	-	40.02	-	-
United Arab Emirates .....	-	-	-	46.90	-	-
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>39.94</b>	<b><sup>(3)</sup></b>	<b>-52.3</b>
Australia .....	-	-	-	40.02	<sup>(3)</sup>	-61.1
New Zealand .....	-	-	-	39.90	40.00	-.3
<b>Africa Total</b> .....	<b>33.34</b>	<b>-</b>	<b>-</b>	<b>33.35</b>	<b>35.55</b>	<b>-6.2</b>
Gabon .....	-	-	-	40.17	-	-
Morocco .....	33.34	-	-	33.34	35.55	-6.2
<b>Total</b> .....	<b>38.93</b>	<b>38.15</b>	<b>38.70</b>	<b>38.16</b>	<b>39.22</b>	<b>-2.7</b>

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Includes subbituminous coal.

<sup>3</sup> Average prices of \$60.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."



**Table 19. Anthracite Exports: December 1988**  
(Short Tons)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total .....	47,551	46,534	10,185	527,869	488,073	13.3
Canada .....	45,763	43,152	8,160	508,020	445,238	13.7
Costa Rica .....	-	-	-	187	9	( <sup>1</sup> )
Dominican Republic .....	-	-	-	-	55	-
Honduras .....	-	-	-	22	22	.0
Mexico .....	1,788	3,382	1,868	21,840	19,921	8.6
Panama .....	-	-	-	-	88	-
Trinidad & Tobago .....	-	-	157	-	740	-
South America Total .....	1,395	7,461	11,261	55,529	35,453	56.6
Argentina .....	-	-	-	38	13	176.9
Brazil .....	-	7,461	5,570	14,972	16,674	-10.2
Chile .....	-	-	-	283	18	( <sup>1</sup> )
Colombia .....	-	-	-	15	-	-
Ecuador .....	-	-	-	364	44	( <sup>1</sup> )
Venezuela .....	1,395	-	5,691	39,859	18,704	113.1
Europe Total .....	11,767	5	-	44,760	34,690	29.0
France .....	-	5	-	5	-	-
Norway .....	6,346	-	-	37,554	30,926	21.4
Turkey .....	5,421	-	-	5,521	-	-
United Kingdom .....	-	-	-	132	3,000	-95.6
West Germany .....	-	-	-	314	644	-51.2
Yugoslavia .....	-	-	-	1,234	120	( <sup>1</sup> )
Asia Total .....	35,713	1,182	-	271,872	643,263	-57.7
Japan .....	-	-	-	-	107	-
Korea, Republic of .....	34,721	-	-	266,445	642,906	-58.6
Philippines .....	573	-	-	627	141	344.7
Singapore .....	-	-	-	1,171	109	( <sup>1</sup> )
Thailand .....	419	890	-	3,337	-	-
United Arab Emirates .....	-	292	-	292	-	-
Oceania & Australia Total .....	-	-	-	700	571	22.6
Australia .....	-	-	-	639	571	11.9
New Zealand .....	-	-	-	61	-	-
Africa Total .....	-	-	-	-	37	-
Egypt .....	-	-	-	-	26	-
Nigeria .....	-	-	-	-	11	-
<b>Total .....</b>	<b>96,426</b>	<b>55,182</b>	<b>21,446</b>	<b>900,730</b>	<b>1,180,087</b>	<b>-23.7</b>

<sup>1</sup> Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 20. Average Price<sup>1</sup> of Anthracite Exports: December 1988**  
(Dollars per Short Ton)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total .....	\$58.53	\$58.63	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	-1.7
Canada .....	59.45	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	-1.7
Costa Rica .....	-	-	-	\$34.99	( <sup>2</sup> )	-89.7
Dominican Republic .....	-	-	-	-	( <sup>2</sup> )	-
Honduras .....	-	-	-	( <sup>2</sup> )	( <sup>2</sup> )	-32.2
Mexico .....	35.05	35.05	\$35.00	40.70	\$35.20	15.6
Panama .....	-	-	-	-	( <sup>2</sup> )	-
Trinidad & Tobago .....	-	-	( <sup>2</sup> )	-	( <sup>2</sup> )	-
South America Total .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	-35.2
Argentina .....	-	-	-	( <sup>2</sup> )	( <sup>2</sup> )	-37.5
Brazil .....	-	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	4.5
Chile .....	-	-	-	34.98	( <sup>2</sup> )	-72.2
Colombia .....	-	-	-	( <sup>2</sup> )	-	-
Ecuador .....	-	-	-	34.92	( <sup>2</sup> )	-71.3
Venezuela .....	( <sup>2</sup> )	-	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	-50.6
Europe Total .....	( <sup>2</sup> )	( <sup>2</sup> )	-	( <sup>2</sup> )	( <sup>2</sup> )	3.6
France .....	-	( <sup>2</sup> )	-	( <sup>2</sup> )	-	-
Norway .....	( <sup>2</sup> )	-	-	( <sup>2</sup> )	( <sup>2</sup> )	-2.0
Turkey .....	( <sup>2</sup> )	-	-	( <sup>2</sup> )	-	-
United Kingdom .....	-	-	-	( <sup>2</sup> )	35.00	206.0
West Germany .....	-	-	-	35.03	58.02	-39.6
Yugoslavia .....	-	-	-	39.59	35.13	12.7
Asia Total .....	32.51	35.04	-	34.73	32.21	7.8
Japan .....	-	-	-	-	34.97	-
Korea, Republic of .....	32.21	-	-	34.69	32.18	7.8
Philippines .....	35.02	-	-	35.01	34.96	.1
Singapore .....	-	-	-	35.01	( <sup>2</sup> )	-77.2
Thailand .....	53.93	35.06	-	37.85	-	-
United Arab Emirates .....	-	34.96	-	34.96	-	-
Oceania & Australia Total .....	-	-	-	37.65	34.99	7.6
Australia .....	-	-	-	35.00	34.99	( <sup>1</sup> )
New Zealand .....	-	-	-	( <sup>2</sup> )	-	-
Africa Total .....	-	-	-	-	( <sup>2</sup> )	-
Egypt .....	-	-	-	-	58.65	-
Nigeria .....	-	-	-	-	( <sup>2</sup> )	-
<b>Total .....</b>	<b>55.33</b>	<b>(<sup>2</sup>)</b>	<b>(<sup>2</sup>)</b>	<b>55.11</b>	<b>48.01</b>	<b>14.8</b>

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Average prices of \$60.00 or more are not shown.

(\*) Rounded to zero

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 21. Coke Exports: December 1988**  
(Short Tons)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
<b>North America Total</b> .....	<b>57,636</b>	<b>72,997</b>	<b>42,413</b>	<b>449,983</b>	<b>355,479</b>	<b>26.6</b>
Canada .....	47,981	61,139	34,066	347,824	248,218	40.1
Costa Rica .....	22	-	-	120	-	-
Dominican Republic .....	-	131	87	249	179	38.1
El Salvador .....	-	-	-	20	-	-
Guatemala .....	-	-	-	213	206	3.4
Honduras .....	-	-	-	175	352	-50.3
Jamaica .....	-	-	-	-	122	-
Mexico .....	9,633	11,727	8,260	101,193	106,369	-4.9
Panama .....	-	-	-	100	33	203.0
Trinidad & Tobago .....	-	-	-	89	-	-
<b>South America Total</b> .....	<b>23,515</b>	<b>-</b>	<b>23,060</b>	<b>146,785</b>	<b>94,229</b>	<b>55.8</b>
Brazil .....	-	-	-	52,083	-	-
Chile .....	-	-	-	-	2,906	-
Peru .....	-	-	-	-	1,702	-
Venezuela .....	23,515	-	23,060	94,702	89,621	5.7
<b>Europe Total</b> .....	<b>49,643</b>	<b>-</b>	<b>41,823</b>	<b>204,007</b>	<b>93,998</b>	<b>117.0</b>
Belgium & Luxembourg .....	-	-	-	-	21,483	-
Finland .....	82	-	-	82	-	-
France .....	-	-	-	36,369	-	-
Italy .....	-	-	-	9,444	-	-
Netherlands .....	-	-	-	-	15,304	-
Spain .....	26,267	-	-	65,609	-	-
Sweden .....	9,713	-	9,802	19,264	19,170	.5
Turkey .....	13,581	-	32,021	34,153	32,021	6.7
United Kingdom .....	-	-	-	28,869	154	( <sup>1</sup> )
Yugoslavia .....	-	-	-	10,117	5,866	72.5
<b>Asia Total</b> .....	<b>51,801</b>	<b>69,743</b>	<b>-</b>	<b>292,431</b>	<b>30,594</b>	<b>(<sup>1</sup>)</b>
Japan .....	-	69,743	-	116,395	30,371	283.2
Korea, Republic of .....	-	-	-	-	223	-
Philippines .....	51,801	-	-	176,036	-	-
<b>Total</b> .....	<b>182,595</b>	<b>142,740</b>	<b>107,296</b>	<b>1,093,206</b>	<b>574,300</b>	<b>90.4</b>

<sup>1</sup> Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 22. Average Price<sup>1</sup> of Coke Exports: December 1988**  
(Dollars per Short Ton)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total .....	\$82.71	\$95.18	\$87.69	\$97.74	\$90.86	7.6
Canada .....	78.93	95.15	85.96	94.43	90.88	3.9
Costa Rica .....	( <sup>2</sup> )	-	-	170.42	-	-
Dominican Republic .....	-	84.79	150.28	165.49	183.46	-9.8
El Salvador .....	-	-	-	175.00	-	-
Guatemala .....	-	-	-	84.63	84.94	-4
Honduras .....	-	-	-	175.25	182.53	-4.0
Jamaica .....	-	-	-	-	( <sup>2</sup> )	-
Mexico .....	101.24	95.47	94.16	108.58	90.17	20.4
Panama .....	-	-	-	84.48	84.91	-5
Trinidad & Tobago .....	-	-	-	( <sup>2</sup> )	-	-
South America Total .....	60.00	-	60.00	59.22	59.37	-3
Brazil .....	-	-	-	54.43	-	-
Chile .....	-	-	-	-	96.25	-
Peru .....	-	-	-	-	95.27	-
Venezuela .....	60.00	-	60.00	61.85	57.49	7.6
Europe Total .....	43.75	-	55.56	57.78	64.05	-9.8
Belgium & Luxembourg .....	-	-	-	-	82.56	-
Finland .....	84.00	-	-	84.00	-	-
France .....	-	-	-	60.00	-	-
Italy .....	-	-	-	150.00	-	-
Netherlands .....	-	-	-	-	81.60	-
Spain .....	30.00	-	-	47.99	-	-
Sweden .....	44.68	-	41.05	44.68	41.94	6.5
Turkey .....	69.45	-	60.00	63.76	60.00	6.3
United Kingdom .....	-	-	-	47.90	84.86	-43.6
Yugoslavia .....	-	-	-	60.00	44.22	35.7
Asia Total .....	35.00	32.61	-	43.38	133.49	-67.5
Japan .....	-	32.61	-	56.06	133.85	-58.1
Korea, Republic of .....	-	-	-	-	84.86	-
Philippines .....	35.00	-	-	35.00	-	-
Total .....	55.86	64.61	69.22	70.57	83.58	-15.6

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Average prices of \$200.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 23. Coal Imports<sup>1</sup> by Continent and Country of Origin: December 1988**  
(Short Tons)

Continent and Country of Origin	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total .....	35,187	37,383	46,142	598,535	549,292	8.6
Canada .....	30,325	33,056	40,829	552,238	506,760	9.0
Mexico .....	4,862	4,327	5,313	44,297	42,532	4.1
South America Total .....	63,923	169,534	63,249	1,427,979	986,967	44.7
Colombia .....	63,923	169,534	63,249	1,225,167	956,899	28.0
Venezuela .....	-	-	-	202,812	30,068	( <sup>2</sup> )
Europe Total .....	-	313	-	1,135	240	372.9
Denmark .....	-	-	-	177	-	-
Netherlands .....	-	-	-	320	-	-
Spain .....	-	-	-	124	44	181.8
United Kingdom .....	-	313	-	314	196	60.2
West Germany .....	-	-	-	200	-	-
Asia Total .....	-	-	-	42,191	-	-
Hong Kong .....	-	-	-	2	-	-
Japan .....	-	-	-	42,189	-	-
Oceania & Australia Total .....	31,913	-	-	66,190	210,639	-68.6
Australia .....	31,913	-	-	66,190	210,639	-68.6
Total .....	131,023	207,230	109,391	2,134,030	1,747,138	22.1

<sup>1</sup> Includes Puerto Rico.

<sup>2</sup> Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 24. Average Price<sup>1</sup> of Coal Imports<sup>2</sup> by Continent and Country of Origin: December 1988**  
(Dollars per Short Ton)

Continent and Country of Origin	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total .....	\$31.28	\$32.44	\$27.30	\$31.23	\$32.21	-3.1
Canada .....	32.25	33.38	26.74	31.44	32.97	-4.6
Mexico .....	25.26	25.31	31.61	28.54	23.22	22.9
South America Total .....	34.26	31.53	29.89	28.44	32.96	-13.7
Colombia .....	34.26	31.53	29.89	28.83	32.89	-12.3
Venezuela .....	-	-	-	26.09	35.22	-25.9
Europe Total .....	-	( <sup>3</sup> )	-	( <sup>3</sup> )	( <sup>3</sup> )	-46.5
Denmark .....	-	-	-	36.28	-	-
Netherlands .....	-	-	-	( <sup>3</sup> )	-	-
Spain .....	-	-	-	( <sup>3</sup> )	28.70	464.0
United Kingdom .....	-	( <sup>3</sup> )	-	( <sup>3</sup> )	( <sup>3</sup> )	-37.3
West Germany .....	-	-	-	15.00	-	-
Asia Total .....	-	-	-	( <sup>3</sup> )	-	-
Hong Kong .....	-	-	-	( <sup>3</sup> )	-	-
Japan .....	-	-	-	( <sup>3</sup> )	-	-
Oceania & Australia Total .....	30.84	-	-	29.86	27.17	9.9
Australia .....	30.84	-	-	29.86	27.17	9.9
Total .....	32.63	31.80	28.80	29.96	32.04	-6.5

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Includes Puerto Rico.

<sup>3</sup> Average prices of \$50.00 dollars or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 25. Coal Imports by Customs District: December 1988**  
(Short Tons)

Customs District	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
<b>Eastern Total</b> .....	<b>21</b>	<b>34,006</b>	<b>39,642</b>	<b>196,612</b>	<b>127,308</b>	<b>54.4</b>
Boston, MA .....	-	-	-	177	28,736	-99.4
Baltimore, MD .....	-	-	-	200	-	-
Portland, ME .....	-	-	9,131	51,566	25,279	104.0
Buffalo, NY .....	21	-	-	21	671	-96.9
New York City, NY .....	-	-	-	445	222	100.5
Philadelphia, PA .....	-	34,006	30,511	144,203	72,400	99.2
<b>Southern Total</b> .....	<b>68,785</b>	<b>139,855</b>	<b>28,920</b>	<b>1,372,054</b>	<b>1,040,055</b>	<b>31.9</b>
Mobile, AL .....	-	-	-	-	155,173	-
Tampa, FL .....	36,365	89,860	-	752,650	96,743	( <sup>1</sup> )
New Orleans, LA .....	-	-	-	178,226	422,590	-57.8
San Juan, PR .....	27,558	45,668	23,607	395,079	323,001	22.3
Houston-Galveston, TX .....	-	-	-	1,802	16	( <sup>1</sup> )
Laredo, TX .....	4,862	4,327	5,313	44,297	42,532	4.1
<b>Western Total</b> .....	<b>34,515</b>	<b>5,474</b>	<b>3,185</b>	<b>136,582</b>	<b>273,772</b>	<b>-50.1</b>
San Francisco, CA .....	-	-	-	17,000	22,048	-22.9
Honolulu, HI .....	31,913	-	-	64,388	89,832	-28.3
Great Falls, MT .....	2,602	5,474	3,185	52,518	104,798	-49.9
Seattle, WA .....	-	-	-	2,676	57,094	-95.3
<b>Northern Total</b> .....	<b>27,702</b>	<b>27,895</b>	<b>37,644</b>	<b>428,782</b>	<b>306,003</b>	<b>40.1</b>
Chicago, IL .....	26,112	25,773	30,972	320,361	244,481	31.0
Detroit, MI .....	-	-	-	-	79	-
Pembina, ND .....	1,590	1,809	6,672	108,108	61,443	75.9
Cleveland, OH .....	-	313	-	313	-	-
<b>Total</b> .....	<b>131,023</b>	<b>207,230</b>	<b>109,391</b>	<b>2,134,030</b>	<b>1,747,138</b>	<b>22.1</b>

<sup>1</sup> Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 26. Average Price<sup>1</sup> of Coal Imports by Customs District: December 1988**  
(Dollars per Short Ton)

Customs District	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
<b>Eastern Total</b> .....	( <sup>2</sup> )	\$27.22	\$31.48	\$36.07	\$30.67	17.6
Boston, MA .....	-	-	-	36.28	27.00	34.4
Baltimore, MD .....	-	-	-	15.00	-	-
Portland, ME .....	-	-	25.56	33.01	31.13	6.0
Buffalo, NY .....	( <sup>2</sup> )	-	-	( <sup>2</sup> )	( <sup>2</sup> )	38.6
New York City, NY .....	-	-	-	( <sup>2</sup> )	( <sup>2</sup> )	-5.0
Philadelphia, PA .....	-	27.22	33.25	36.97	31.47	17.5
<b>Southern Total</b> .....	\$33.62	32.39	28.02	28.62	31.69	-9.7
Mobile, AL .....	-	-	-	-	26.01	-
Tampa, FL .....	36.16	32.41	-	28.67	33.51	-14.5
New Orleans, LA .....	-	-	-	25.31	33.24	-23.8
San Juan, PR .....	31.75	33.03	27.22	29.91	32.94	-9.2
Houston-Galveston, TX .....	-	-	-	( <sup>2</sup> )	( <sup>2</sup> )	-88.1
Laredo, TX .....	25.26	25.31	31.61	28.54	23.22	22.9
<b>Western Total</b> .....	33.31	( <sup>2</sup> )	( <sup>2</sup> )	40.90	32.65	25.3
San Francisco, CA .....	-	-	-	27.35	28.22	-3.1
Honolulu, HI .....	30.84	-	-	29.14	33.37	-12.7
Great Falls, MT .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	36.69	61.6
Seattle, WA .....	-	-	-	49.14	25.80	90.5
<b>Northern Total</b> .....	29.27	28.17	24.03	27.95	33.25	-15.9
Chicago, IL .....	27.51	24.82	19.53	26.74	30.93	-13.5
Detroit, MI .....	-	-	-	-	( <sup>2</sup> )	-
Pembina, ND .....	( <sup>2</sup> )	( <sup>2</sup> )	44.90	31.34	42.11	-25.6
Cleveland, OH .....	-	( <sup>2</sup> )	-	( <sup>2</sup> )	-	-
<b>Total</b> .....	32.63	31.80	28.80	29.96	32.04	-6.5

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Average prices of \$50.00 dollars or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 27. Coke Imports: December 1988**  
(Short Tons)

Continent and Country of Origin	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
<b>North America Total</b> .....	<b>114,150</b>	<b>32,699</b>	<b>7,568</b>	<b>484,961</b>	<b>187,325</b>	<b>158.9</b>
Canada .....	114,150	32,699	7,568	484,328	187,325	158.5
Mexico .....	-	-	-	633	-	-
<b>South America Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>16,717</b>	<b>500</b>	<b>(<sup>1</sup>)</b>
Argentina .....	-	-	-	16,717	-	-
Venezuela .....	-	-	-	-	500	-
<b>Europe Total</b> .....	<b>43,378</b>	<b>26,621</b>	<b>-</b>	<b>509,014</b>	<b>68,720</b>	<b>(<sup>1</sup>)</b>
Belgium & Luxembourg .....	-	-	-	108,484	-	-
France .....	18,027	-	-	50,385	-	-
Italy .....	-	-	-	125,205	-	-
Netherlands .....	-	-	-	24,809	-	-
Switzerland .....	-	-	-	24,234	-	-
United Kingdom .....	-	26,621	-	26,621	-	-
West Germany .....	25,351	-	-	48,414	505	( <sup>1</sup> )
Yugoslavia .....	-	-	-	94,862	68,215	39.1
<b>Asia Total</b> .....	<b>148,099</b>	<b>43,006</b>	<b>42,056</b>	<b>1,070,243</b>	<b>540,842</b>	<b>97.9</b>
China (Peking) .....	22,087	-	-	22,087	-	-
Japan .....	126,012	43,006	42,056	1,048,156	540,842	93.8
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>80,357</b>	<b>-</b>	<b>607,072</b>	<b>124,901</b>	<b>386.0</b>
Australia .....	-	80,357	-	607,072	124,901	386.0
<b>Total</b> .....	<b>305,627</b>	<b>182,683</b>	<b>49,624</b>	<b>2,688,007</b>	<b>922,288</b>	<b>191.4</b>

<sup>1</sup> Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 28. Average Price<sup>1</sup> of Coke Imports: December 1988**  
(Dollars per Short Ton)

Continent and Country of Origin	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
<b>North America Total</b> .....	<b>\$55.58</b>	<b>\$23.69</b>	<b>\$74.70</b>	<b>\$58.32</b>	<b>\$49.94</b>	<b>16.8</b>
Canada .....	55.58	23.69	74.70	58.37	49.94	16.9
Mexico .....	-	-	-	24.58	-	-
<b>South America Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>40.98</b>	<b>54.40</b>	<b>-24.7</b>
Argentina .....	-	-	-	40.98	-	-
Venezuela .....	-	-	-	-	54.40	-
<b>Europe Total</b> .....	<b>84.24</b>	<b>102.28</b>	<b>-</b>	<b>95.06</b>	<b>64.66</b>	<b>47.0</b>
Belgium & Luxembourg .....	-	-	-	107.51	-	-
France .....	101.13	-	-	104.64	-	-
Italy .....	-	-	-	98.53	-	-
Netherlands .....	-	-	-	119.75	-	-
Switzerland .....	-	-	-	73.03	-	-
United Kingdom .....	-	102.28	-	102.28	-	-
West Germany .....	72.23	-	-	87.54	74.80	16.9
Yugoslavia .....	-	-	-	71.52	64.58	10.7
<b>Asia Total</b> .....	<b>86.78</b>	<b>100.98</b>	<b>58.98</b>	<b>70.14</b>	<b>63.75</b>	<b>10.0</b>
China (Peking) .....	68.04	-	-	68.04	-	-
Japan .....	90.07	100.98	58.98	70.18	63.75	10.1
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>77.12</b>	<b>-</b>	<b>67.68</b>	<b>52.98</b>	<b>27.8</b>
Australia .....	-	77.12	-	67.68	52.98	27.8
<b>Total</b> .....	<b>74.77</b>	<b>76.84</b>	<b>61.37</b>	<b>71.99</b>	<b>59.55</b>	<b>20.9</b>

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."



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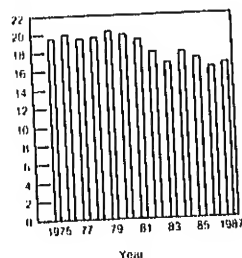
## U.S. Natural Gas Consumption (Trillion Cubic Feet)

Year	Residential	Commercial	Industrial	Electric Utilities	Trans- portation	Total
1975	4.82	2.51	8.36	3.15	0.58	19.54
1976	5.05	2.67	8.50	3.08	.55	19.95
1977	4.82	2.50	8.47	3.19	.53	19.52
1978	4.90	2.50	8.40	3.19	.53	19.53
1979	4.97	2.79	8.40	3.49	.60	20.24
1980	4.75	2.61	8.20	3.68	.63	19.88
1981	4.55	2.52	8.06	3.64	.64	19.40
1982	4.63	2.61	8.04	3.23	.60	18.00
1983	4.38	2.43	6.62	2.91	.49	16.83
1984	4.56	2.52	7.23	3.11	.53	17.95
1985	4.43	2.43	6.87	3.04	.50	17.28
1986	4.31	2.32	6.90	2.60	.49	16.22
1987 <sup>P</sup>	4.37	2.29	6.68	2.84	.50	16.68

P = Preliminary data  
 Note: "Total" may not equal sum of components due to independent rounding  
 Source: Energy Information Administration, Annual Energy Review 1987

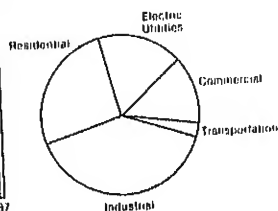
## Total Consumption

Trillion Cubic Feet



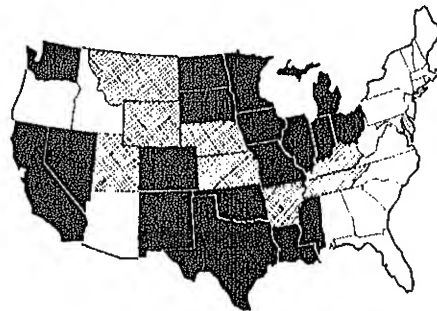
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## 1987 Consumption

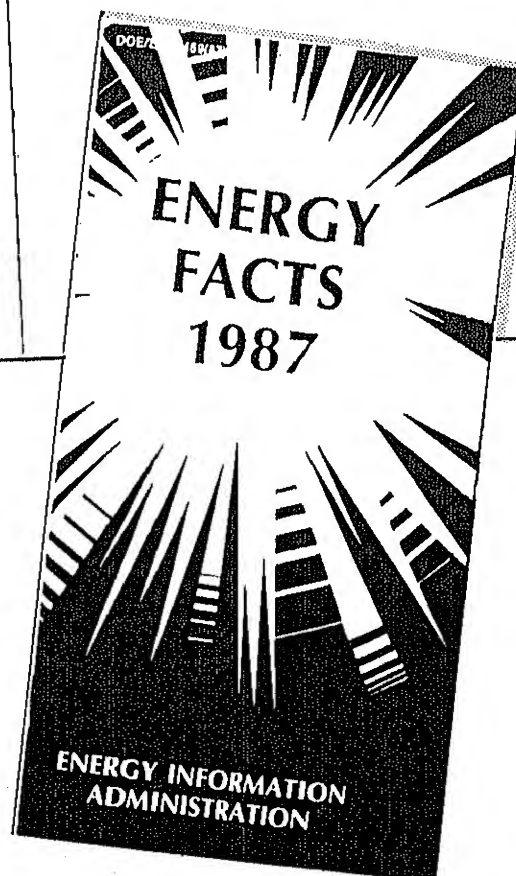


## Average Price of Natural Gas to Residential Consumers in 1986

(Dollars per Thousand Cubic Feet)



Source: Energy Information Administration, Natural Gas Annual 1986



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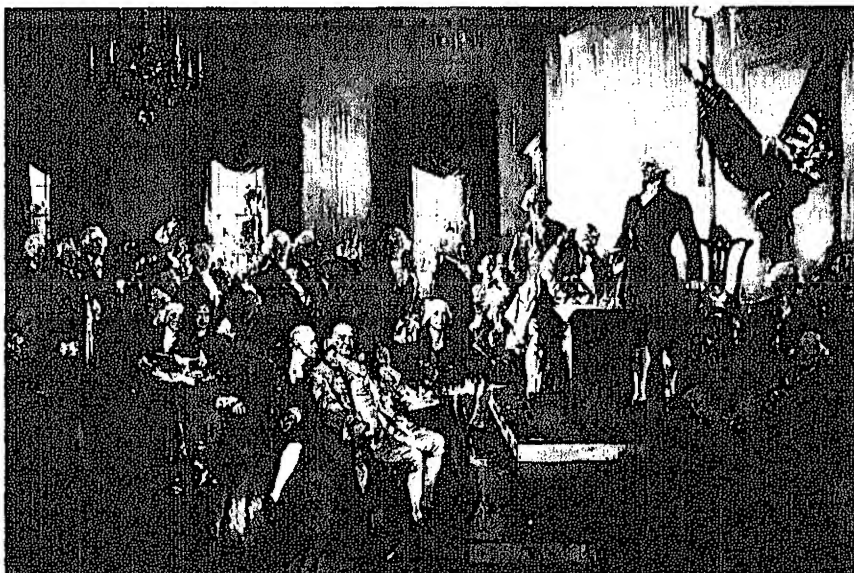
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